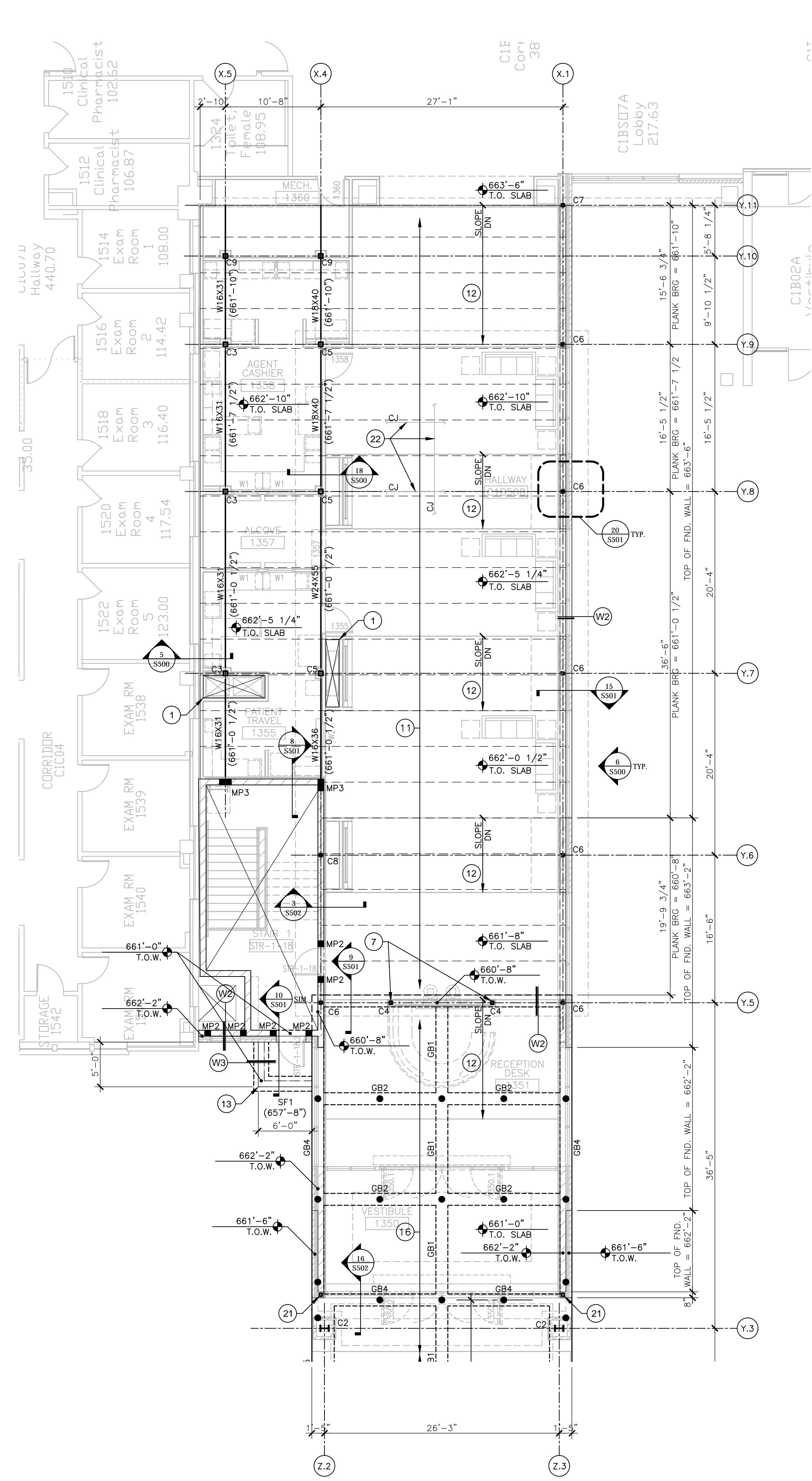
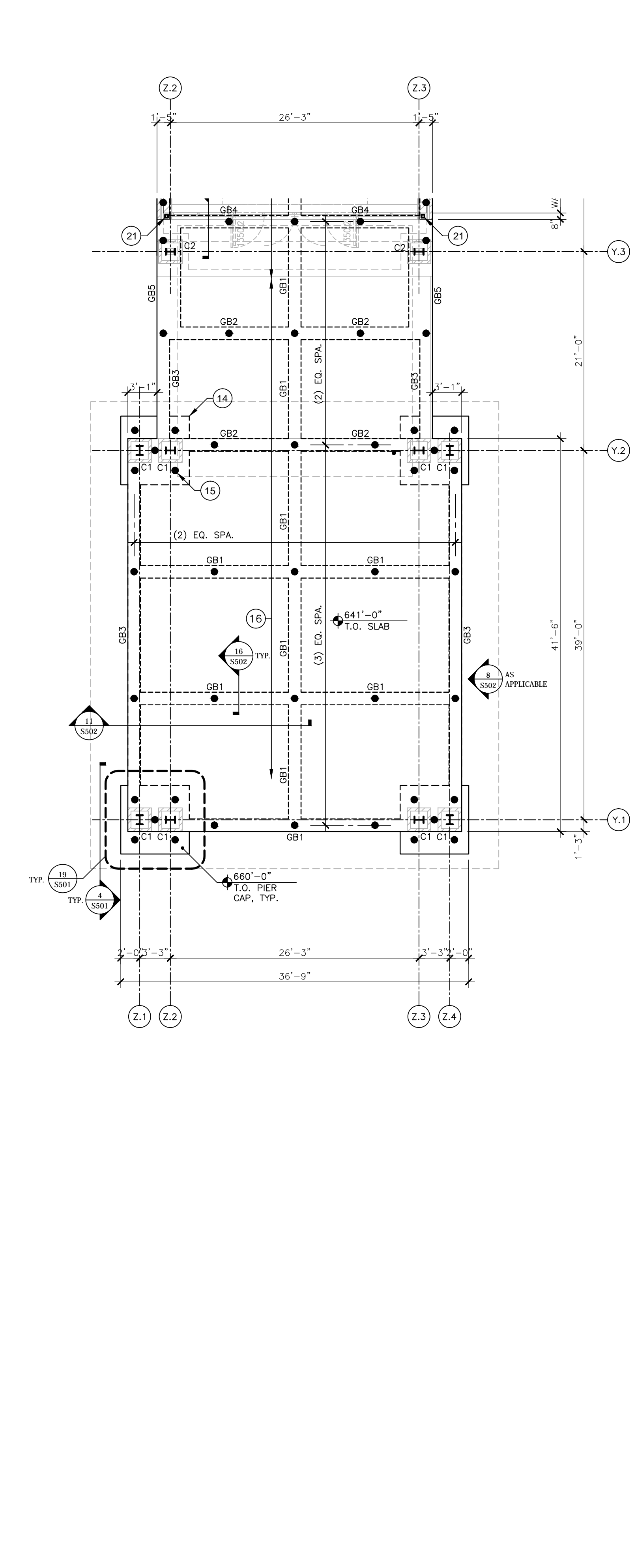


[illegible]

The seal of the Department of Veterans Affairs, United States of America, is shown on the left. It features an eagle with wings spread, perched on a shield with the American flag design, surrounded by a laurel wreath and the text "DEPARTMENT OF VETERANS AFFAIRS" and "UNITED STATES OF AMERICA".

On the right is a key plan diagram. At the top, it says "KEY PLAN:" with an arrow pointing up. The diagram shows the "EXISTING BLDG. 111" as a large white rectangle. To its left is a "VESTIBULE ADDITION" shown as a smaller white rectangle. To its right is an "ENTRY CANOPY" shown as a grey rectangle. A legend at the bottom right indicates that the grey rectangle represents the "ENTRY CANOPY".



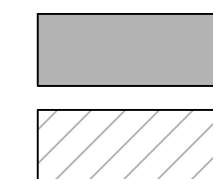
- STRUCTURAL PLAN LEGEND:**
- | | |
|---|------------------------------|
|  | NEW CONCRETE FOUNDATION WALL |
|  | NEW 8" C.M.U. WALL |

- | | | |
|------------------------------|---------------|--|
| FINAL CONSTRUCTION DOCUMENTS | | <div>Office of
Facilities
Management</div> <div>  Department of
Veterans Affairs </div> |
| Project Number | 695-12-101SCP | |
| Building Number | 111 | |
| Drawing Number | S100 | |

GENERAL STRUCTURAL NOTES:

1. SEE SHEET S000 FOR ADDITIONAL NOTES

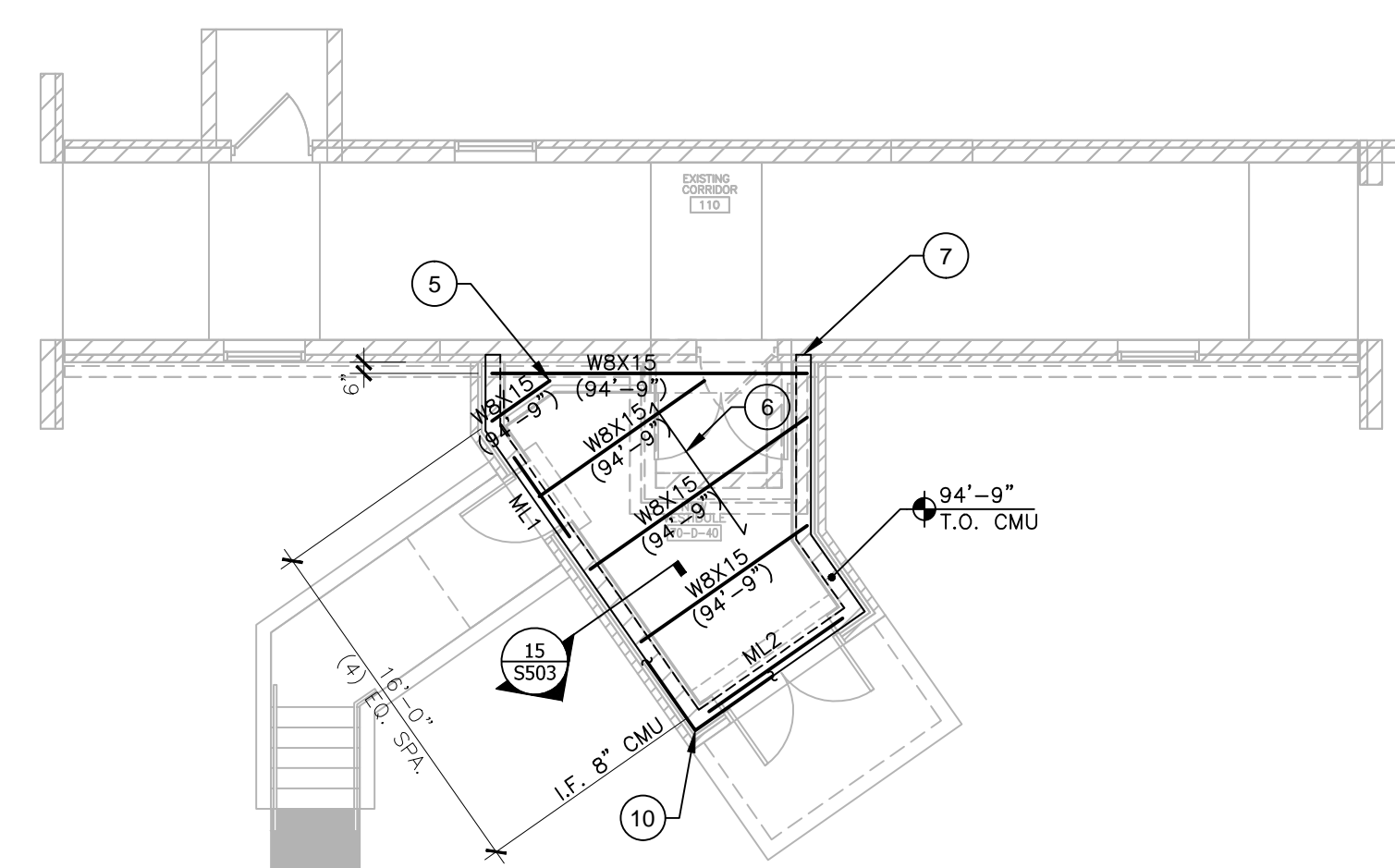
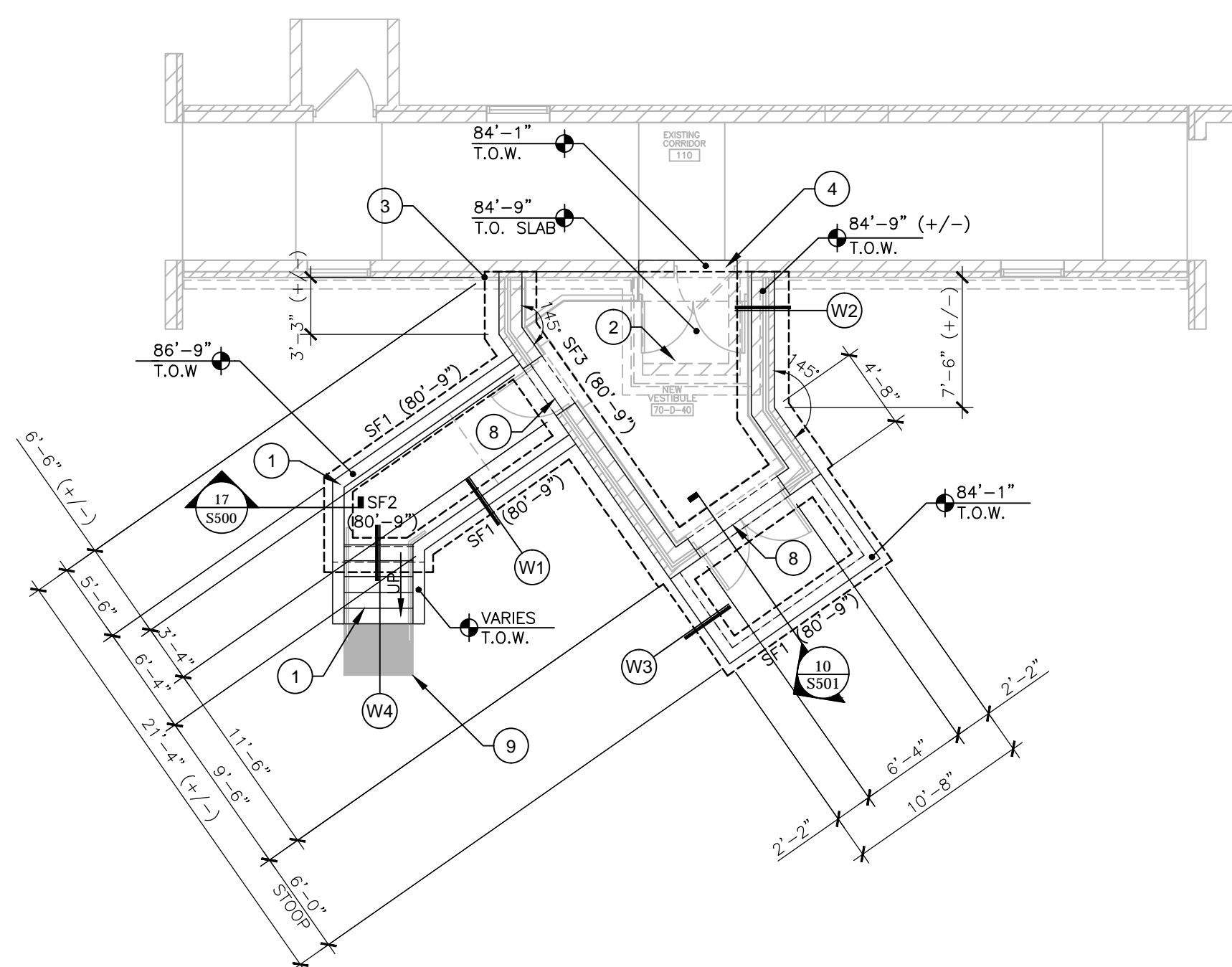
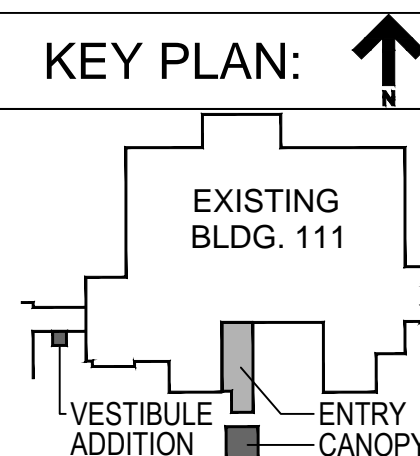
STRUCTURAL PLAN LEGEND:



NEW CONCRETE FOUNDATION WALL

BUILDING TO VESTIBULE KEY NOTES

- ① STRUCT. STOOD & STAIRS: REF. APPLICABLE ARCHITECTURAL DETAILING FOR CONC. STAIR & RAILING REQUIREMENTS.
- ② SLB1, TYP. AT INTERIOR VESTIBULE
- ③ REF. ARCH. DRAWINGS FOR LOCATION OF WORK POINTS.
- ④ SAW-CUT & REMOVE T.O.W. TO ELEV. INDICATED. SLAB OVER-FOUR MONOLITHIC IN PLACE. REF. ARCH. DRAWINGS FOR EXACT LOCATION AND ADDITIONAL DEMO NOTES.
- ⑤ SKEWED BOLTED/WELDED CONNECTION, REF. 8/S503 FOR BOLT AND PLATE REQUIREMENTS, SIM./TYP.
- ⑥ METAL DECK TYPE "D1", REF. 6/S503 FOR TYPE AND ATTACHMENT.
- ⑦ DRILL & EPOXY #3X24" BAR, 5" EMBED INTO EXISTING CONC. GROUT CORE SOLID FULL HEIGHT IF NOT A SOLID GROUTED, VERT. SPACING 16" O.C. MAX. AT COURSE JOINTS.
- ⑧ REF. ARCH. DRAWINGS FOR LOCATION OF SLAB OVER POOR CONSTRUCTION JOINT - LOCATE BELOW DOOR THRESHOLD.
- ⑨ EXISTING CONC. WALK TO REMAIN
- ⑩ CBX11.5 CONT. AROUND PERIM.

[illegible]

CONSULTANTS:



PROJECT LEADER/ARCHITECT:



Drawing Title
BUILDING 70 - CONNECTING CORRIDOR
VESTIBULE ADDITION FOUNDATION &
FLOOR FRAMING PLANS

Approved: Project Director

Project Title	Building 111 - Renovate South Entry
---------------	--

Location	Milwaukee, Wisconsin
----------	----------------------

Date
June 23, 2014

Checked By	WTS
------------	-----

Drawn By:
KJM

FINAL CONSTRUCTION DOCUMENTS

Project Number	695-12-101SCP
Building Number	111

Drawing Number
0110

Office of
Facilities
Management



A

B

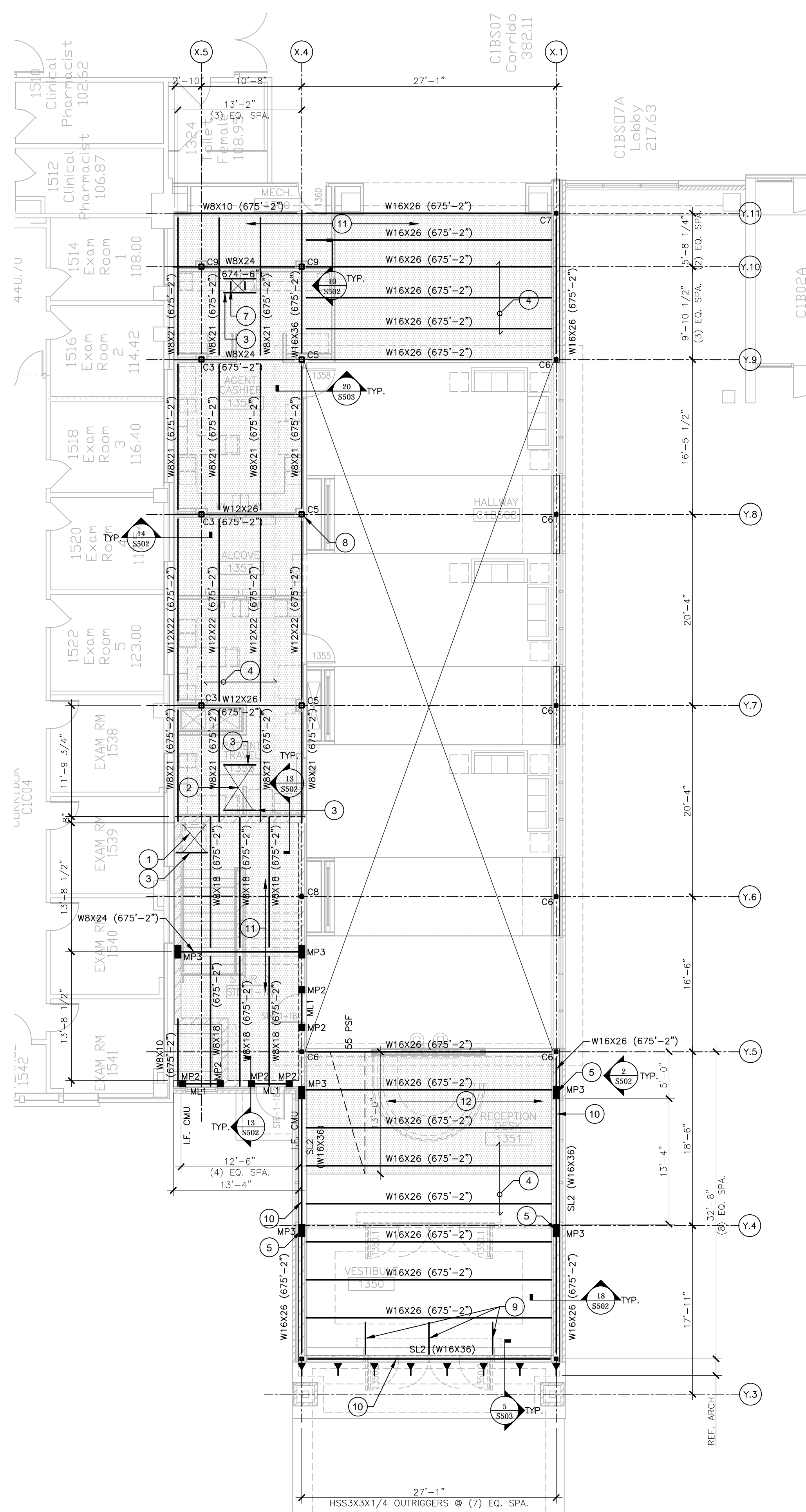
C

D

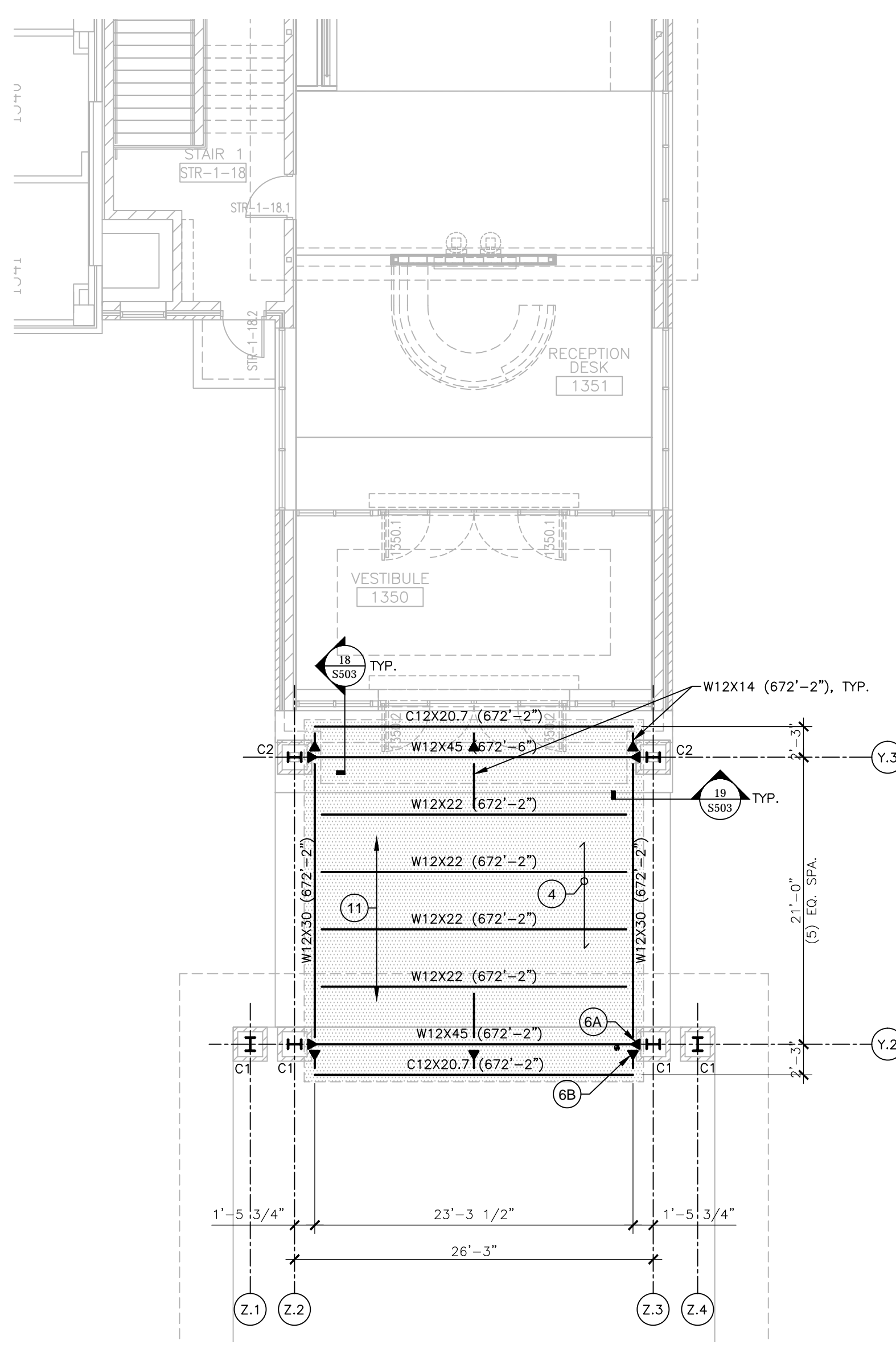
E

F

three eighths inch = one foot
one eighth inch = one foot
three eighths inch = one foot
one quarter inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



BUILDING 111 - FIRST FLOOR 'ENTRY' ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



BUILDING 111 - FIRST FLOOR 'CANOPY' ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

GENERAL STRUCTURAL NOTES:
1. SEE SHEET S000 FOR ADDITIONAL NOTES.

STRUCTURAL PLAN LEGEND:
NEW CONCRETE FOUNDATION WALL
NEW 8" C.M.U. WALL

LOW ROOF FRAMING KEY NOTES

- ROOF ACCESS HATCH
- ROOF OPENING FOR MECHANICAL EQUIP.
- C8X11.5 INTERMEDIATE FRAMING REQUIRED AT ROOF DECK OPENINGS AND AS REQUIRED FOR ACCESS HATCH AND/OR MECHANICAL EQUIPMENT CURB SUPPORT - VERIFY LOCATIONS BASED ON FINAL EQUIPMENT SELECTED PRIOR TO STEEL FABRICATION.
- METAL DECK TYPE "D1", REF. 6/S503 FOR ATTACHMENT.
- SPLICE W16X26 & SL2, MIN STEEL LINTEL BEARING ON CMU=16".
- STEEL MOMENT CONNECTION DESIGNED & DETAILED BY STEEL FABRICATOR, AT EXPENSE TO GC - REF. SPECIFICATION & GENERAL NOTES FOR SUBMITTAL REQUIREMENTS, TYP.
A. TYPICAL E-W DESIGN VALUES (SERVICE LOADS)
V=15 KIPS
M=61 KIP-FT
B. TYPICAL N-S DESIGN VALUES (SERVICE LOADS)
V=3 KIPS
M=6 KIP-FT
- REF. 12/S503 FOR ROOF OPENING FRAMING AT MISC. OPENINGS FOR EQUIPMENT < 200#
- REF. 9/S503 FOR SHEAR PLATE BOLTED BEAM/COLUMN CONNECTIONS, TYP.
- W12X16 (T.O. BEAMS 675'-0") AT 1/4 POINTS
- STEEL LINTEL (SL2), REF. 10/S503
- UNIFORM SUPERIMPOSED SNOW LOAD = 45 PSF OVER SHADED AREA
- TAPERED SUPERIMPOSED SNOW LOAD SOUTH OF CLEARSTORY AS INDICATED OVER SHADED AREA

<div>Revisions:</div> <table><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table> <div>Date</div>									<div><div>Dept. of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI</div></div>	<div></div>	<div>KEY PLAN:<div><div>EXISTING BLDG. 111 VESTIBULE ADDITION ENTRY CANOPY</div></div></div>	<div>CONSULTANTS:<div><div>R.A. Smith National</div></div></div>	<div>PROJECT LEADER/ARCHITECT:<div><div>Chequamegon</div></div></div>	<div>Drawing Title BUILDING 111 - 'ENTRY' & 'CANOPY' ROOF FRAMING PLANS Approved: Project Director</div>	<div>Project Title Building 111 - Renovate South Entry Location Milwaukee, Wisconsin Date June 23, 2014 Checked By: WTS Drawn By: KJM</div>	<div>FINAL CONSTRUCTION DOCUMENTS Project Number 695-12-101SCP Building Number 111 Drawing Number S201</div>	<div>Office of Facilities Management  Department of Veterans Affairs</div>

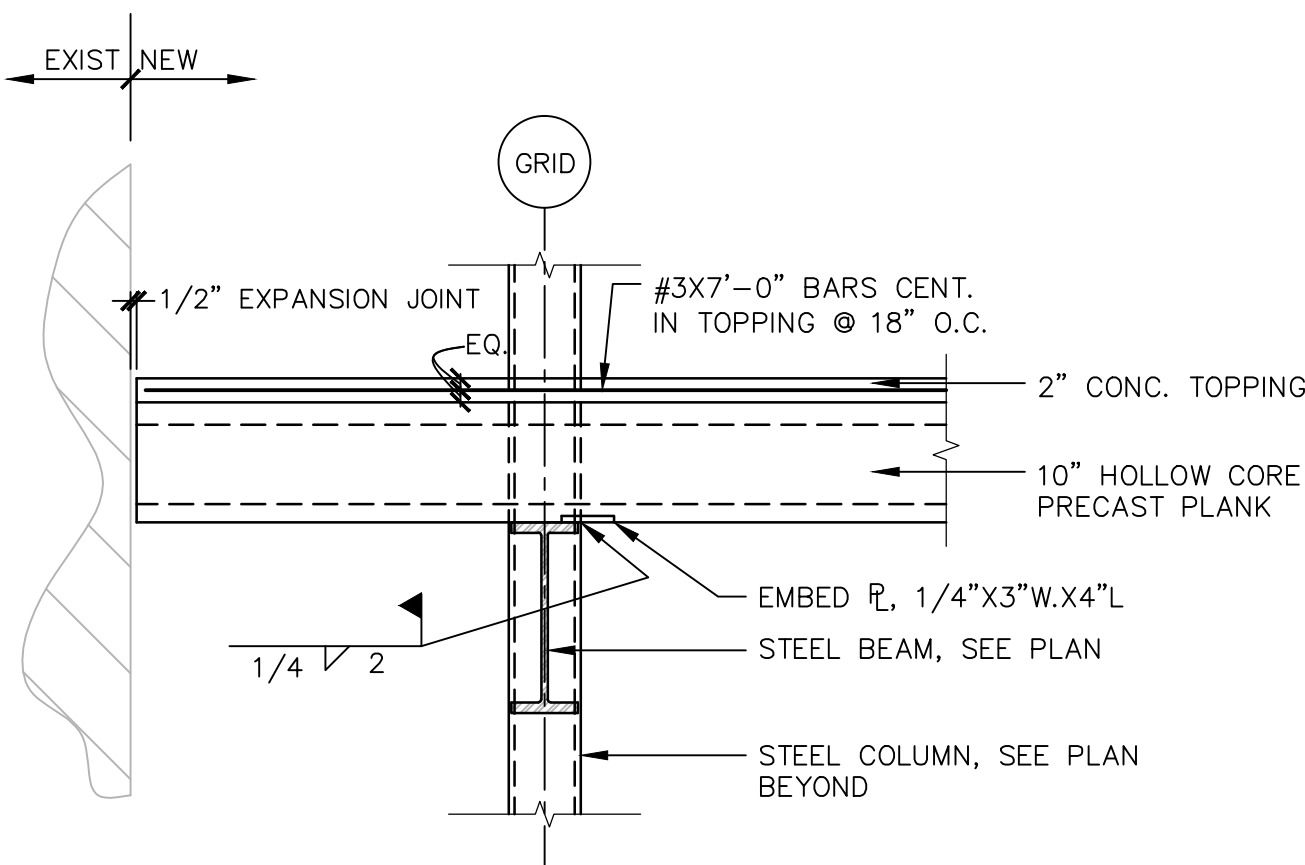
MARK	STEEL COLUMNS								
	C1	C2	C3	C4	C5	C6	C7	C8	C9
	Z.1/Y.1, Z.2/Y.1, Z.3/Y.1, Z.4/Y.1, Z.1/Y.2, Z.2/Y.2, Z.3/Y.2, Z.4/Y.2	X.3/Y.3, X.2/Y.3	X.5/Y.7, X.4/Y.7, X.5/Y.8, X.4/Y.8, X.5/Y.9, X.4/Y.9	X.2/Y.3, X.3/Y.3	X.4/Y.7, X.4/Y.8, X.4/Y.9	X.4/Y.5, X.1/Y.5, X.1/Y.6, X.1/Y.7, X.1/Y.8, X.1/Y.9	X.1/Y.11	X.4/Y.6	X.4/Y.10, X.5/Y.10
CLEARSTORY ROOF (SEE PLAN)	W12x58	W12x50	HSS 6x6x3/8	HSS 3x3x1/4	HSS 6x6x3/8	HSS 4x4x3/8	HSS 4x4x3/8	HSS 4x4x3/8	HSS 6x6x3/8
1ST LEVEL (SEE PLAN)									
LOWER LEVEL (SEE PLAN)	BP1	BP1	BP2	BP5	BP2	BP4	BP4	BP3	BP2

MARK	SIZE			REINFORCING (A,B BARS)	REMARKS
	L	W	T		
F1	4'-0"	4'-0"	12"	A: 5-#5 E.W. B: N/A	-
F2	5'-0"	5'-0"	12"	A: 6-#5 E.W. B: N/A	-
F3	6'-0"	6'-0"	16"	A: 7-#5 E.W. B: N/A	-
F4	7'-0"	7'-0"	18"	A: 8-#6 E.W. B: 8-#4 E.W.	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

NOTE: CENTER FOOTINGS ON COLUMN GRIDS, TYPICAL UNLESS NOTED OTHERWISE.

MARK	SIZE		REINFORCING (A,B BARS)	DOWELS	REMARKS
	T	W			
SF1	12"	1'-8"	A: 2-#5 CONT. B: N/A	#5 @ 32	-
SF2	12"	2'-0"	A: 2-#5 CONT. B: N/A	#5 @ 24	-
SF3	12"	2'-3"	A: 3-#5 CONT. B: N/A	#5 @ 24	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

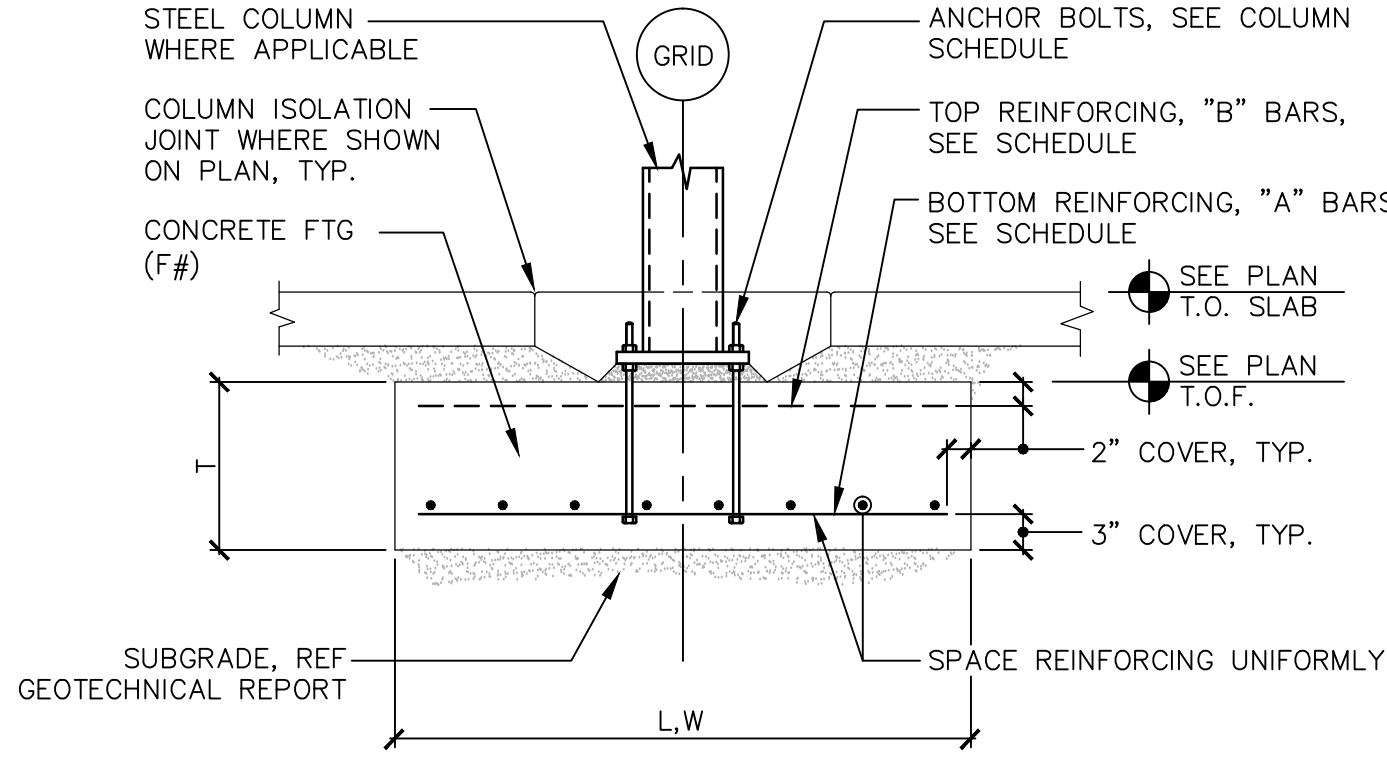
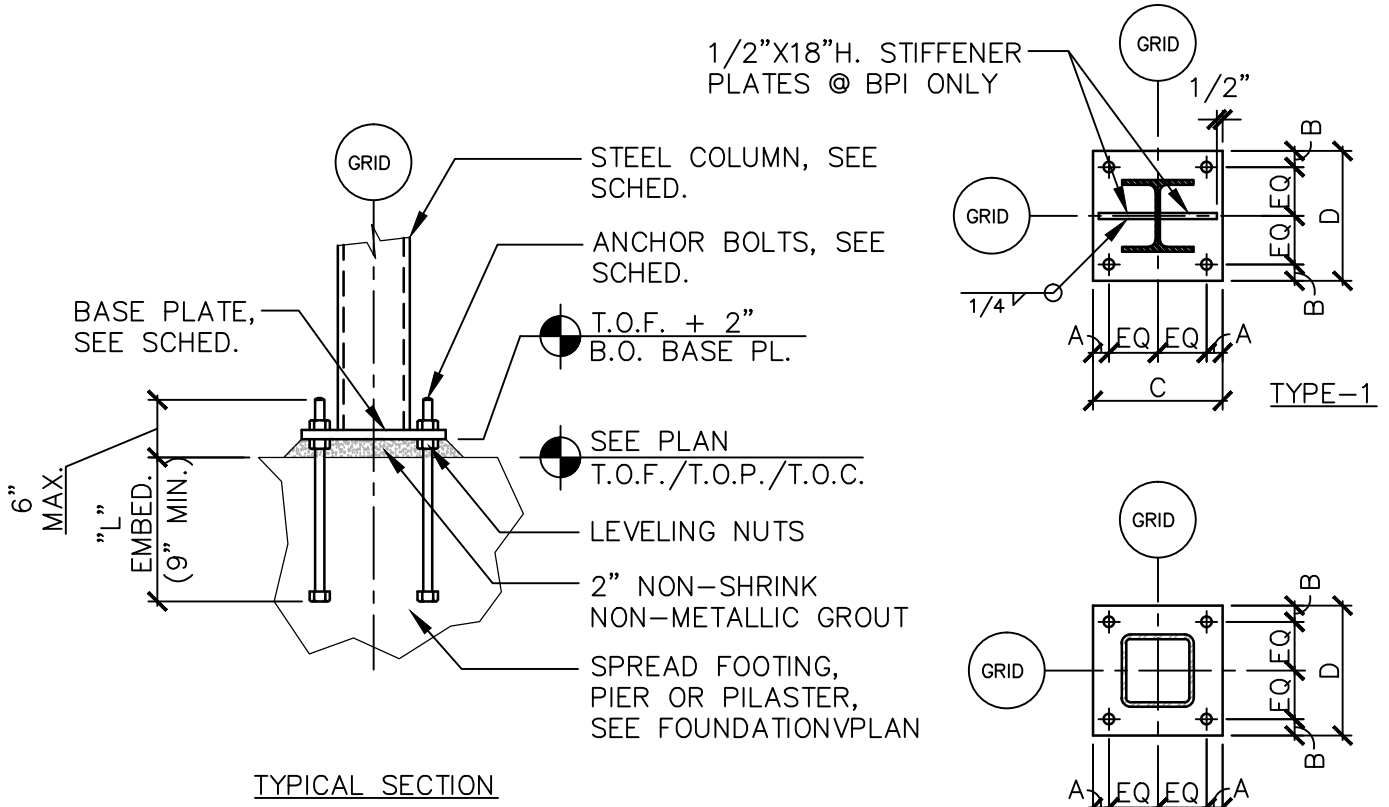
NOTE: CENTER STRIP FOOTING ON WALL, TYPICAL UNLESS NOTED OTHERWISE.



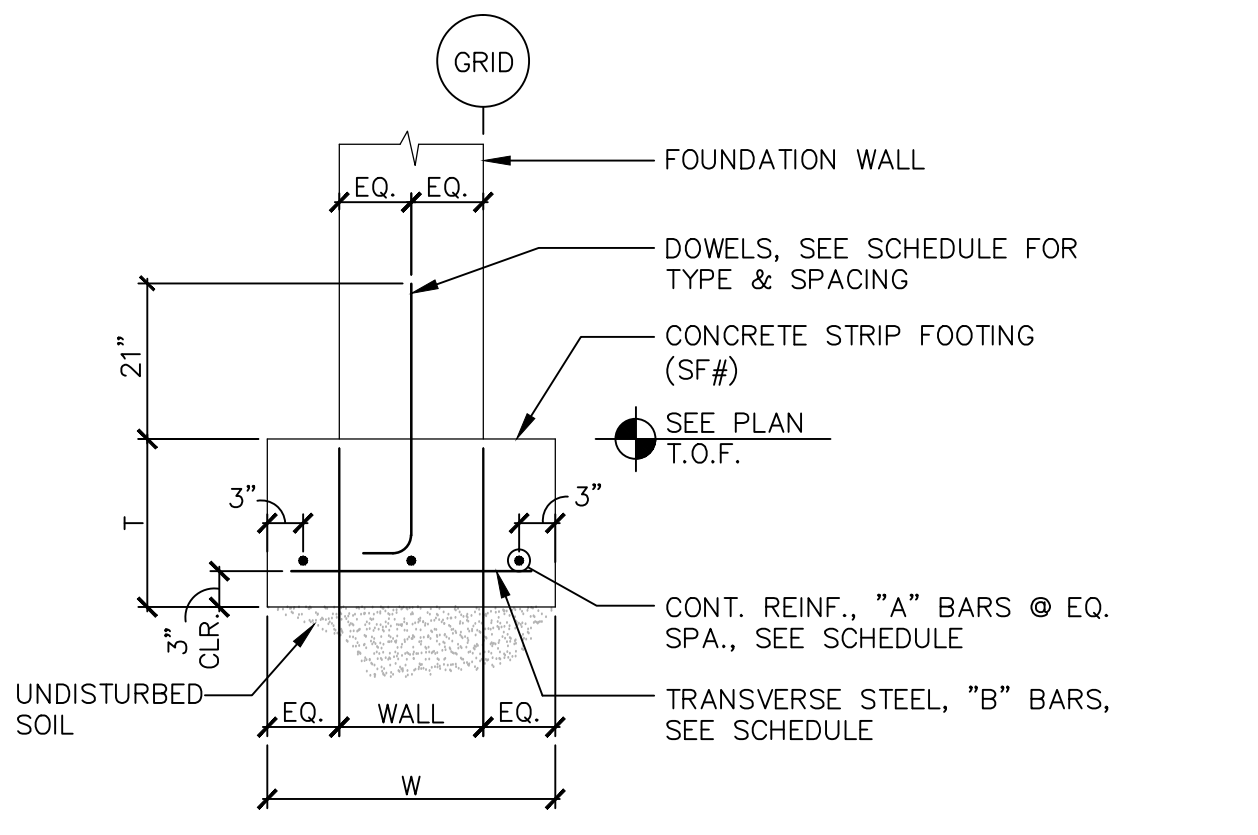
5 PRECAST PLANK BEARING ON STEEL BEAM
SCALE: NONE

MARK	COLUMN BASE PLATES						REMARKS
	A (IN)	B (IN)	C (IN)	D (IN)	T (IN)	TYPE	
BP1	1 1/2"	1 1/2"	16"	16"	1 1/2"	1	-
BP2	1 1/2"	1 1/2"	12"	12"	1"	2	-
BP3	1 1/2"	1 1/2"	10"	10"	1"	2	-
BP4	1 1/2"	1 1/2"	6"	10"	3/4"	1	-
BP5	1 1/2"	1 1/2"	4"	6"	1/2"	2	EXP. ANCHOR
-	-	-	-	-	-	-	-

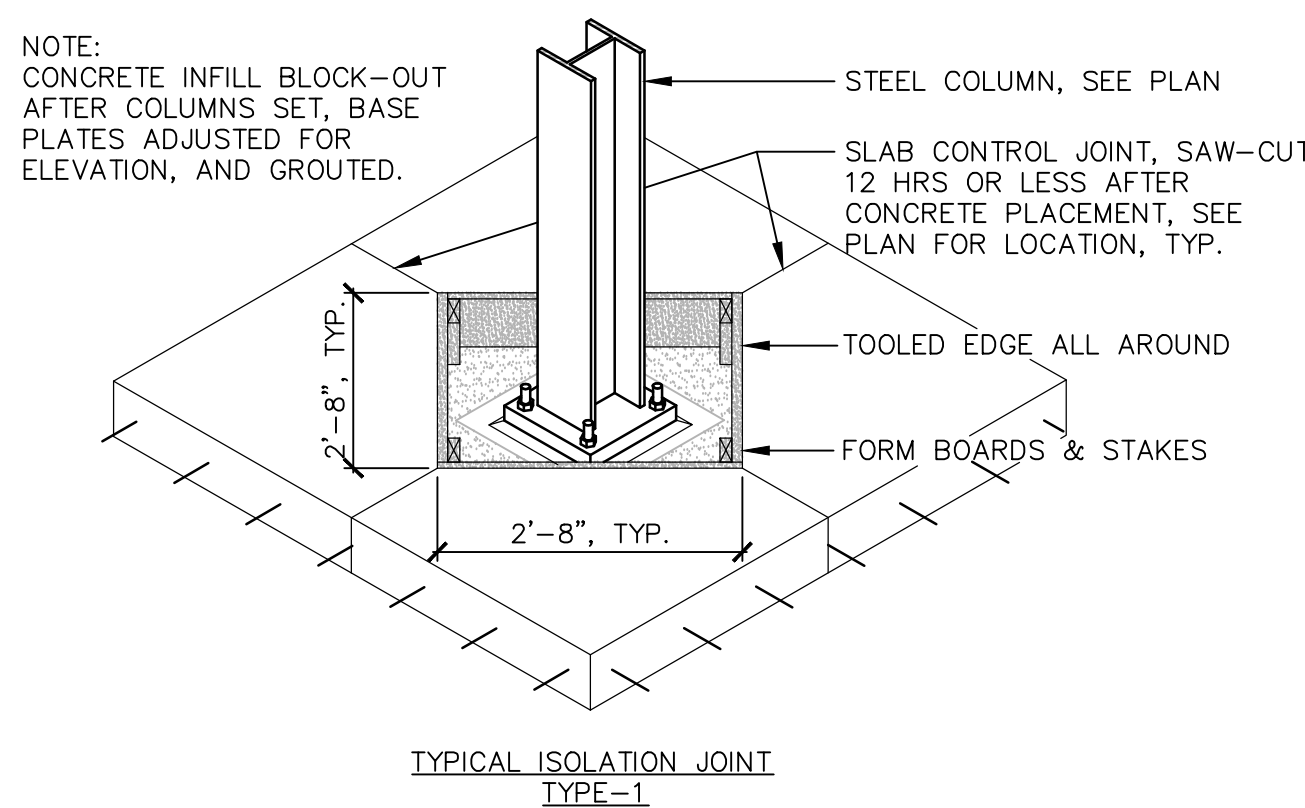
NOTES:
1. SEE PLAN FOR COLUMN AND BASE PLATE MARKS.
2. SEE SHEET S000 FOR REQUIRED MATERIAL STRENGTHS.
3. PROVIDE 1/4" CAP PLATE FOR ALL HSS COLUMNS EXCEPT WHERE DETAILED OTHERWISE.



8 CONCRETE SPREAD FTG SCHEDULE
SCALE: NONE



9 CONCRETE STRIP FTG SCHEDULE
SCALE: NONE



10 COLUMN ISOLATION JOINT
SCALE: NONE

6 STEEL COLUMN & BASE PLATE SCHEDULE
SCALE: NONE

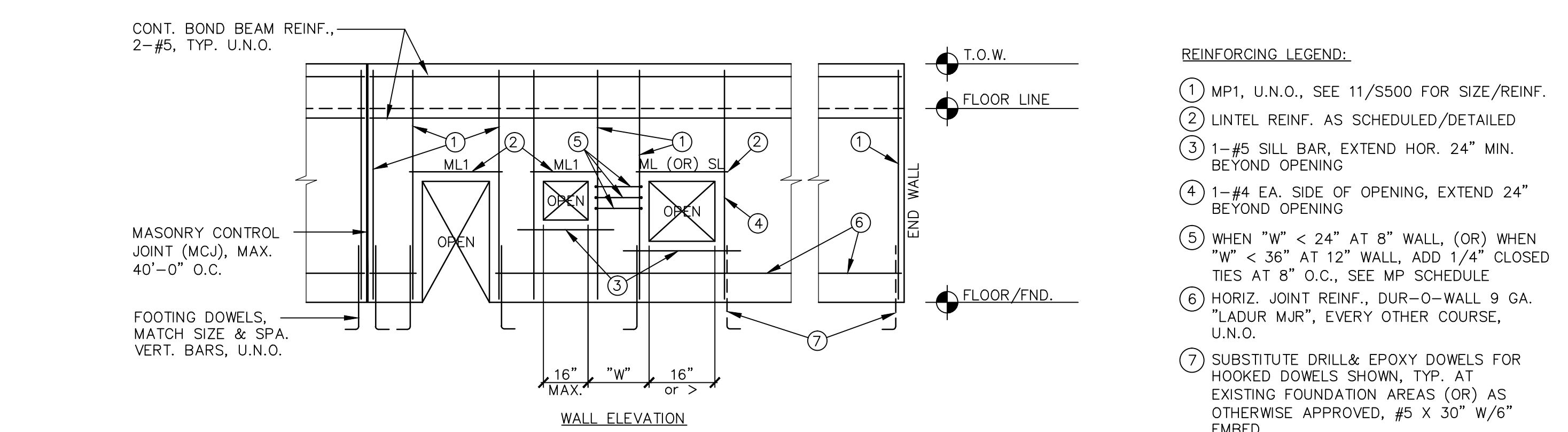
MARK	TYPE	VERT. REINF.	HORIZ. TIES	REMARKS
MP1	1	1-#5	N/A	-
MP2	2	2-#5	8" O.C.	-
MP3	3	4-#5	8" O.C.	-
-	-	-	-	-

NOTE: GROUT REINFORCED CORES SOLID, FOUNDATION DOWELS REQ'D AT EA. VERTICAL BAR.

TYPE-1: 1/4" SMOOTH CLOSED TIES

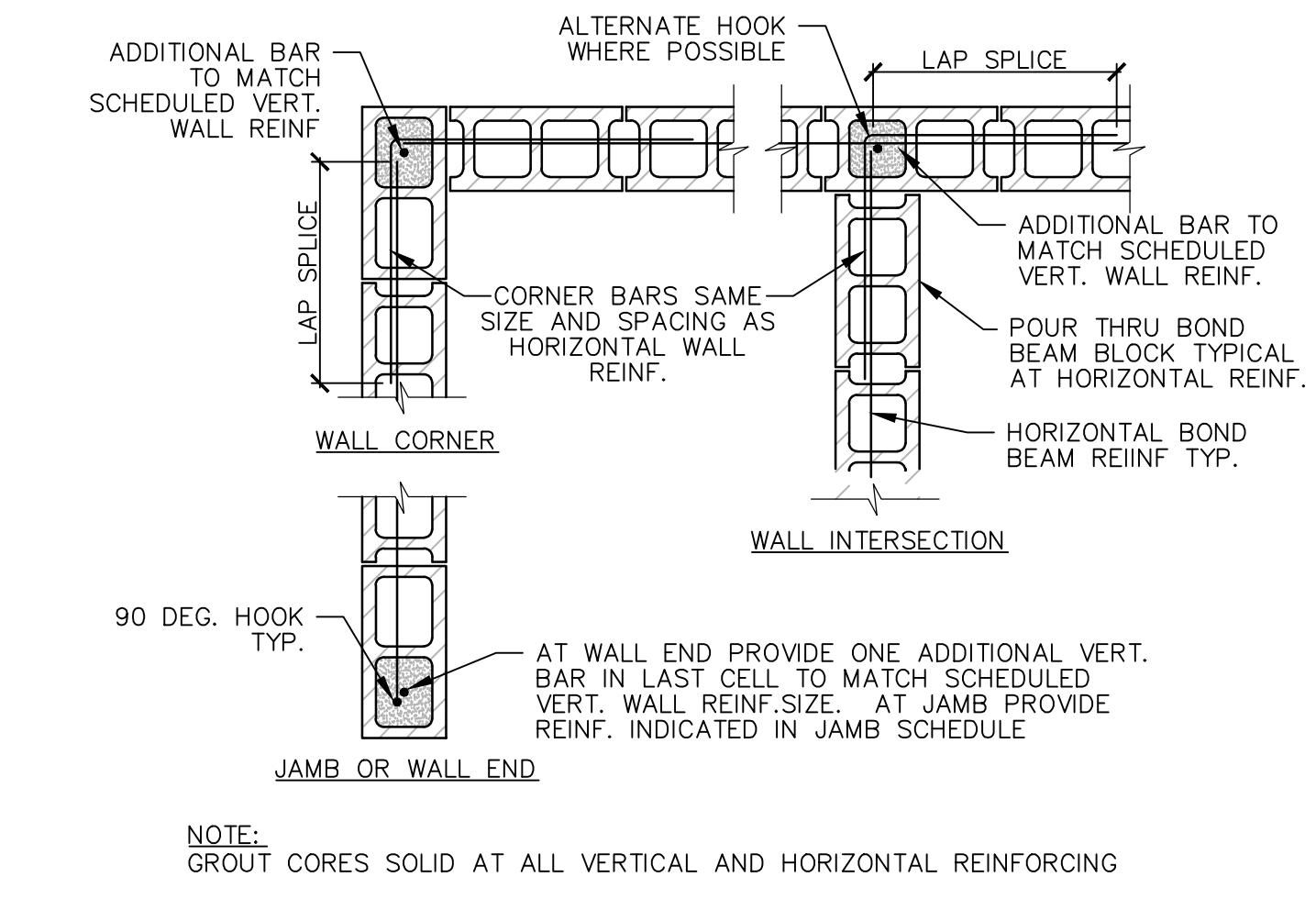
TYPE-2: 1/4" SMOOTH CLOSED TIES

TYPE-3: 1/4" SMOOTH CLOSED TIES

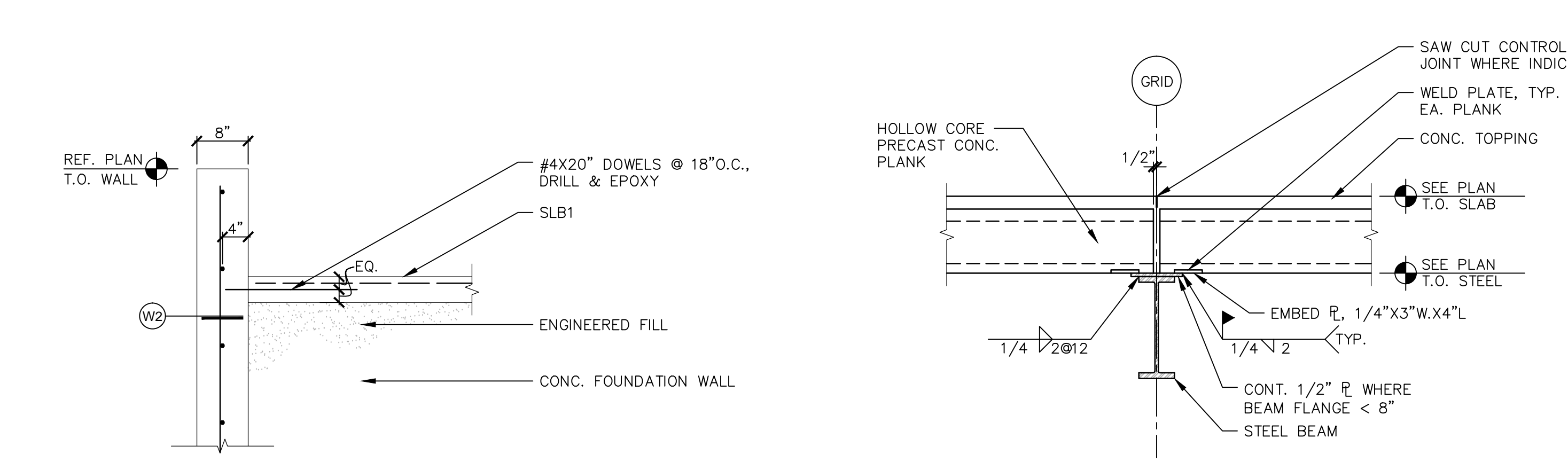


12 TYPICAL CMU WALL REINFORCING
SCALE: NONE

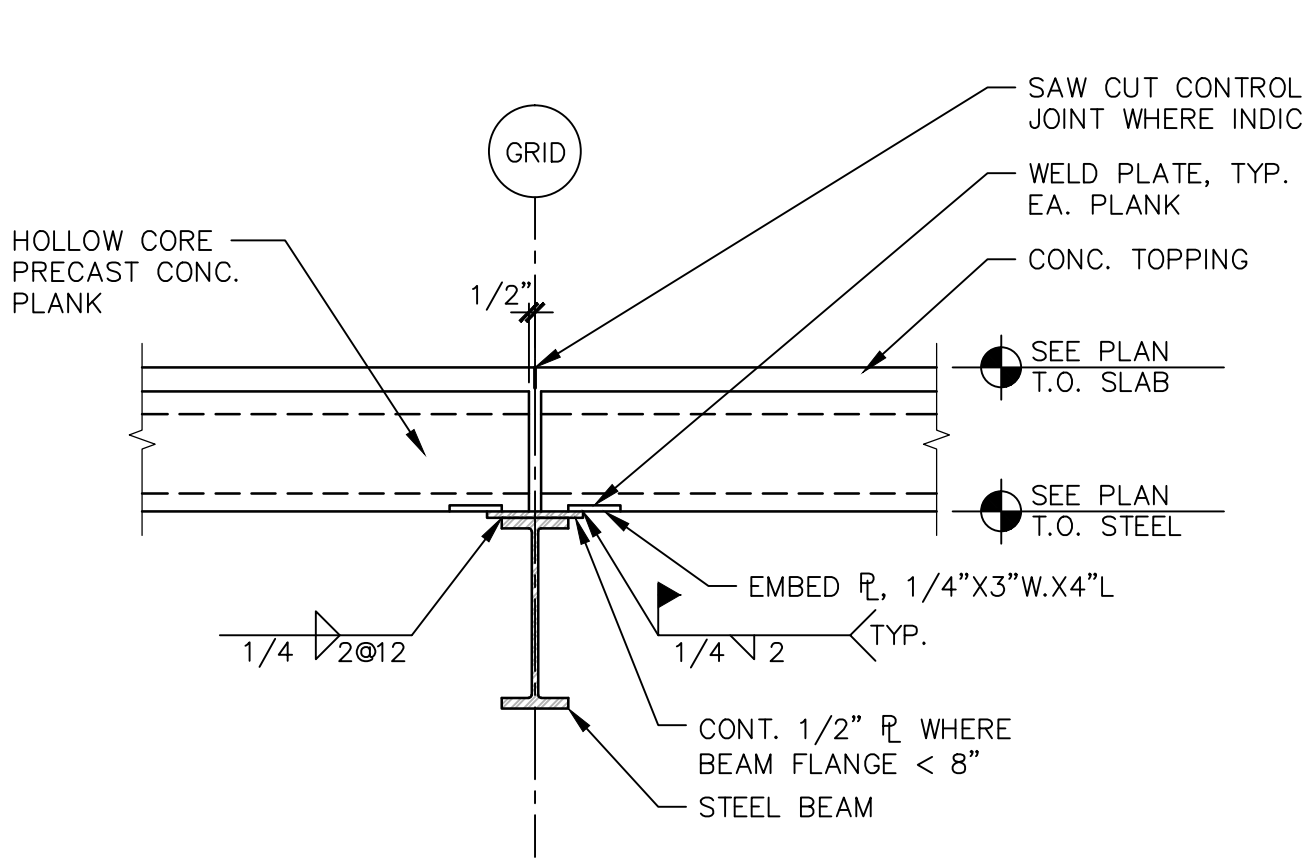
11 CMU PIER SCHEDULE
SCALE: NONE



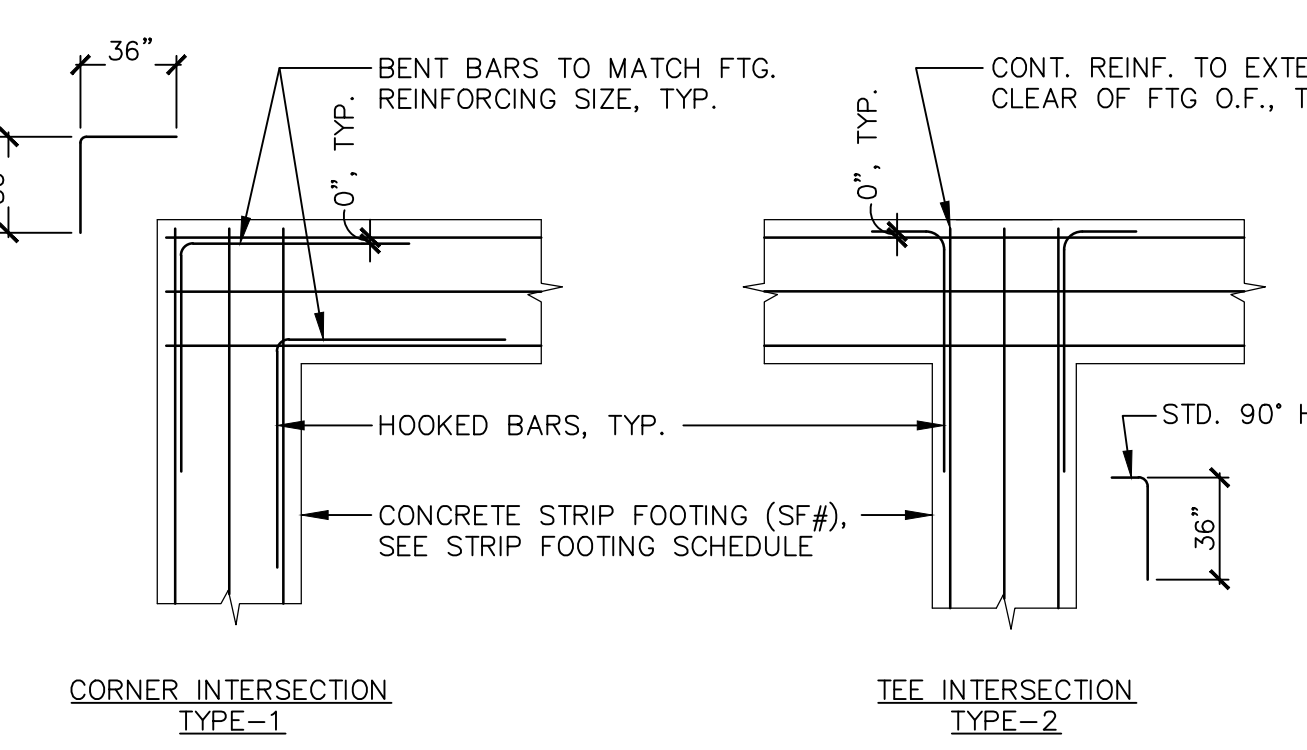
16 TYP. CMU WALL REINF. DETAILS
SCALE: NONE



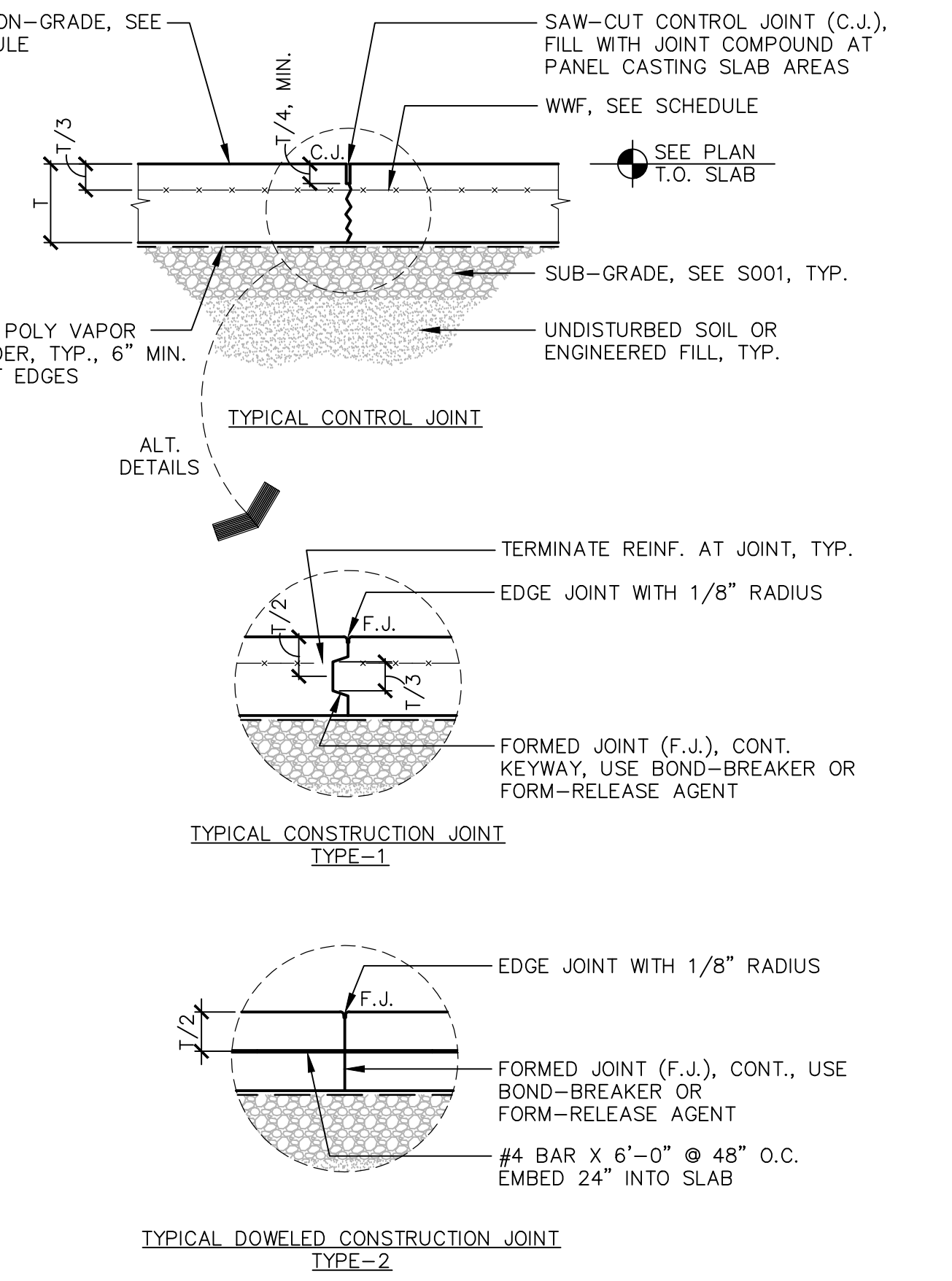
17 SLAB AT FOUNDATION WALL
SCALE: NONE



18 PLANK BEARING AT STEEL BEAM
SCALE: NONE



14 FOOTING INTERSECTION REINF.
SCALE: NONE



20 SLAB-ON-GRADE JOINT(S)
SCALE: NONE

Revisions:

Date

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI

KEY PLAN:
↑
EXISTING BLDG. 111
VESTIBULE ADDITION
ENTRY
CANOPY

CONSULTANTS:

R.A. Smith
National

PROJECT LEADER/ARCHITECT:

Chequamegon

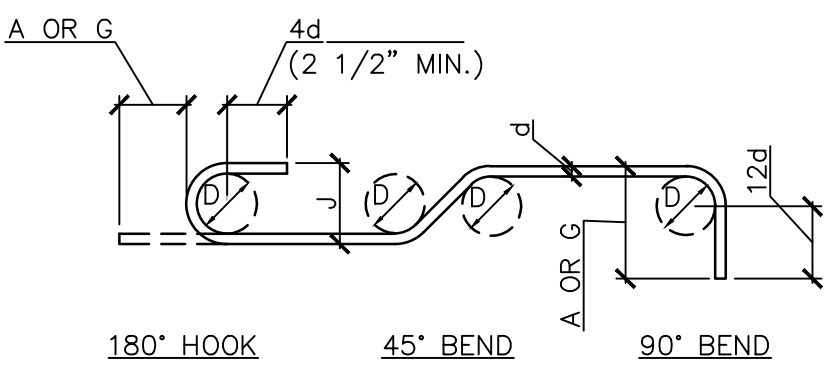
Drawing Title
STRUCTURAL DETAILS
Approved: Project Director

Project Title
Building 111 -
Renovate South Entry
Location
Milwaukee, Wisconsin
Date
June 23, 2014
Checked By:
WTS
Drawn By:
KJM

FINAL CONSTRUCTION DOCUMENTS
Project Number
695-12-101SCP
Building Number
111
Drawing Number
S500
Office of
Facilities
Management
Department of
Veterans Affairs

BAR SIZE	D	180°		90°	
		A OR G	J	A OR G	H
#3	2 1/4"	5"	3"	6"	6"
#4	3"	6"	4"	8"	8"
#5	3 3/4"	7"	5"	10"	10"
#6	4 1/2"	8"	6"	12"	12"
#7	5 1/4"	10"	7"	14"	14"
#8	6"	11"	8"	16"	16"
#9	9 1/2"	15"	11 3/4"	16"	16"

NOTE: "D" DENOTES FINISHED BAR BEND DIAMETER.

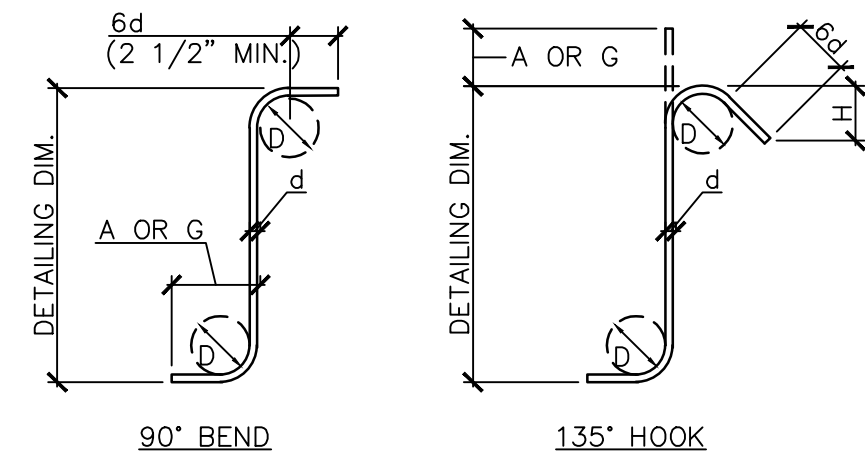


1 REINF. STANDARD HOOKS & BENDS

SCALE: NONE

BAR SIZE	D	90° HOOK		135° HOOK	
		A OR G	H	A OR G	H
#3	1 1/2"	4"	4 1/4"	3"	3"
#4	2"	4 1/2"	4 1/2"	3"	3"
#5	2 1/2"	6"	5 1/2"	3 3/4"	3 3/4"

NOTE: "D" DENOTES FINISHED BAR BEND DIAMETER.

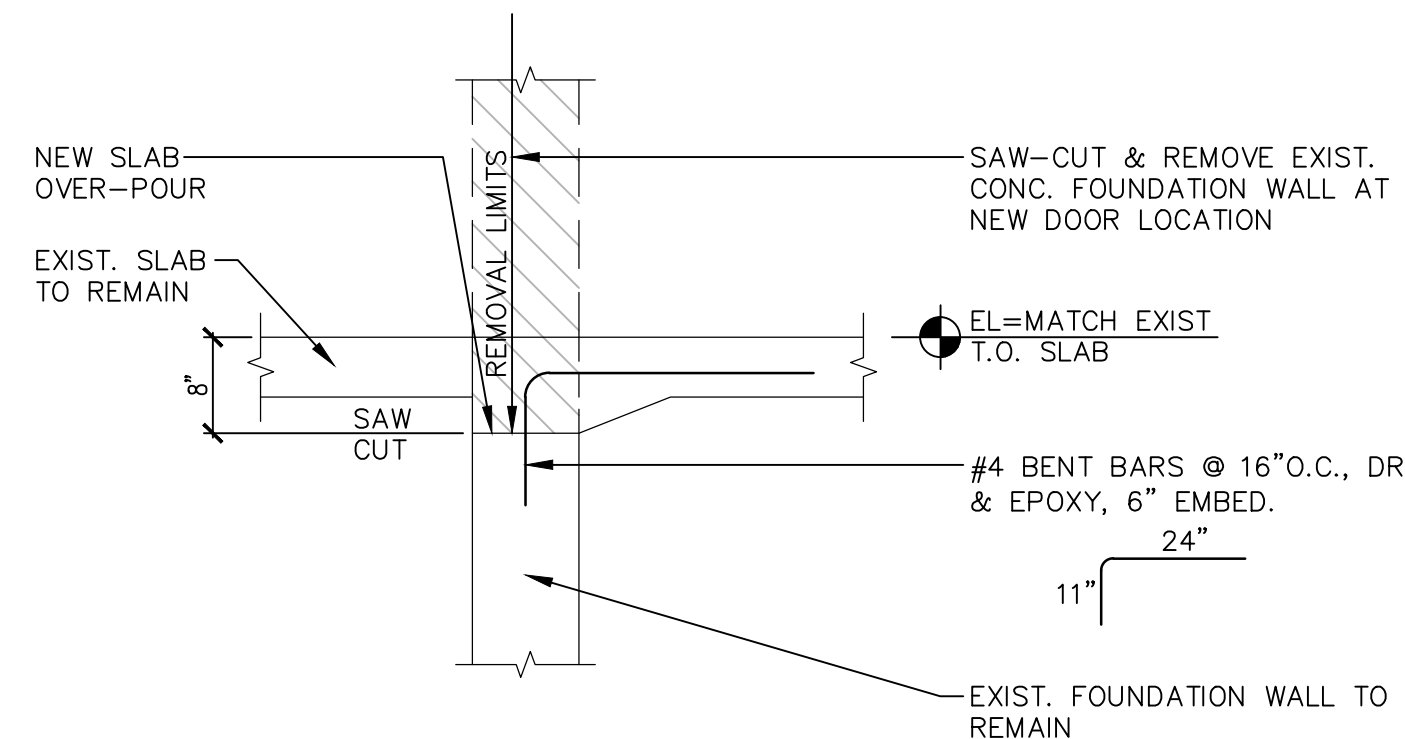


2 REINF. STIRRUP & TIE BENDS

SCALE: NONE

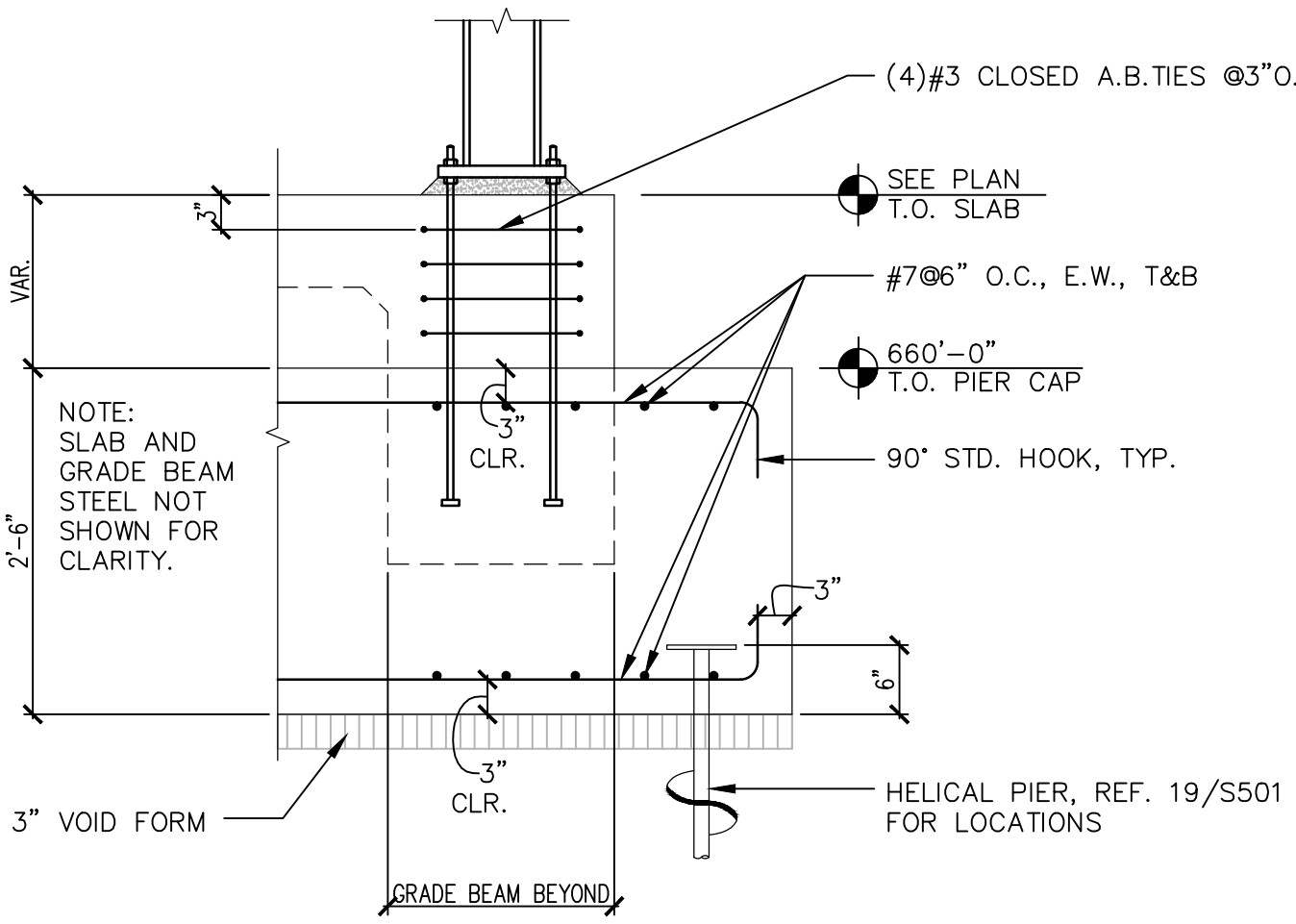
3 NEW SLAB AT EXISTING FOUNDATION OPENING

SCALE: NONE



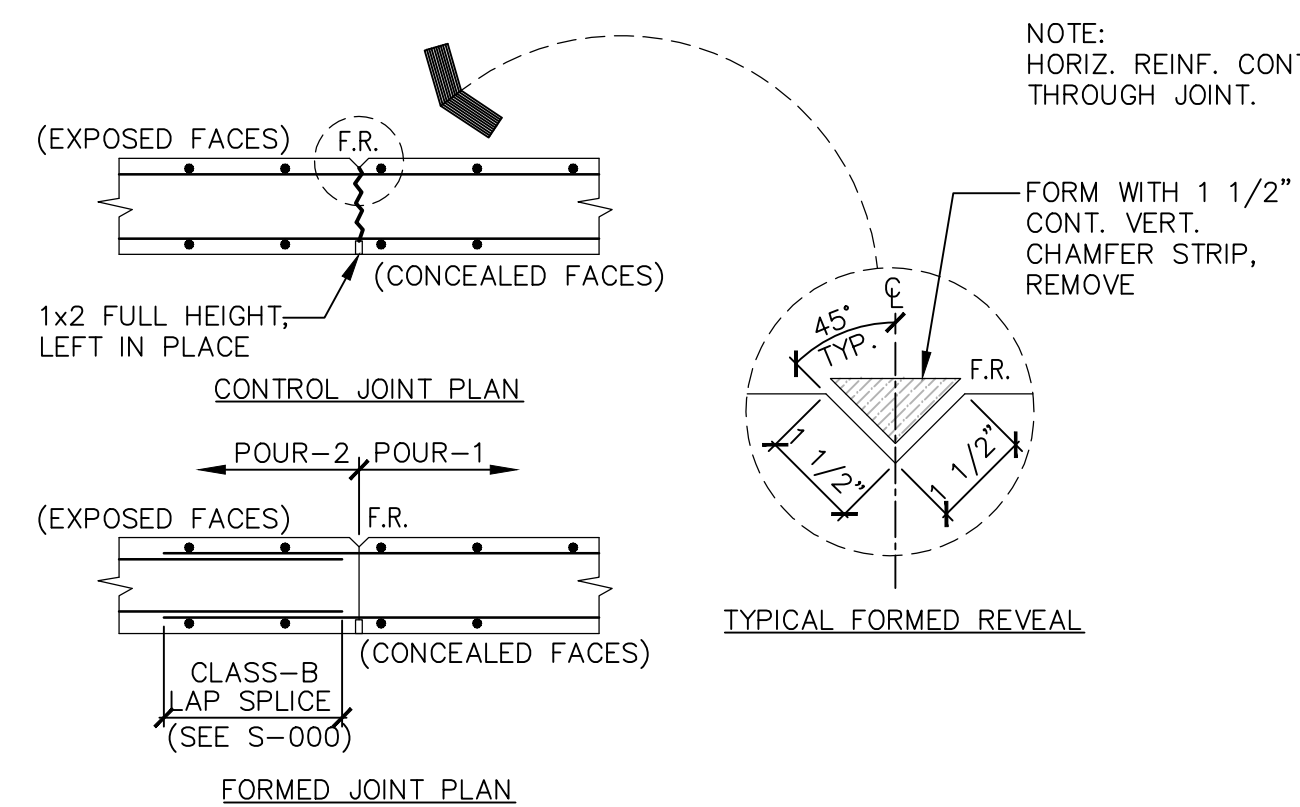
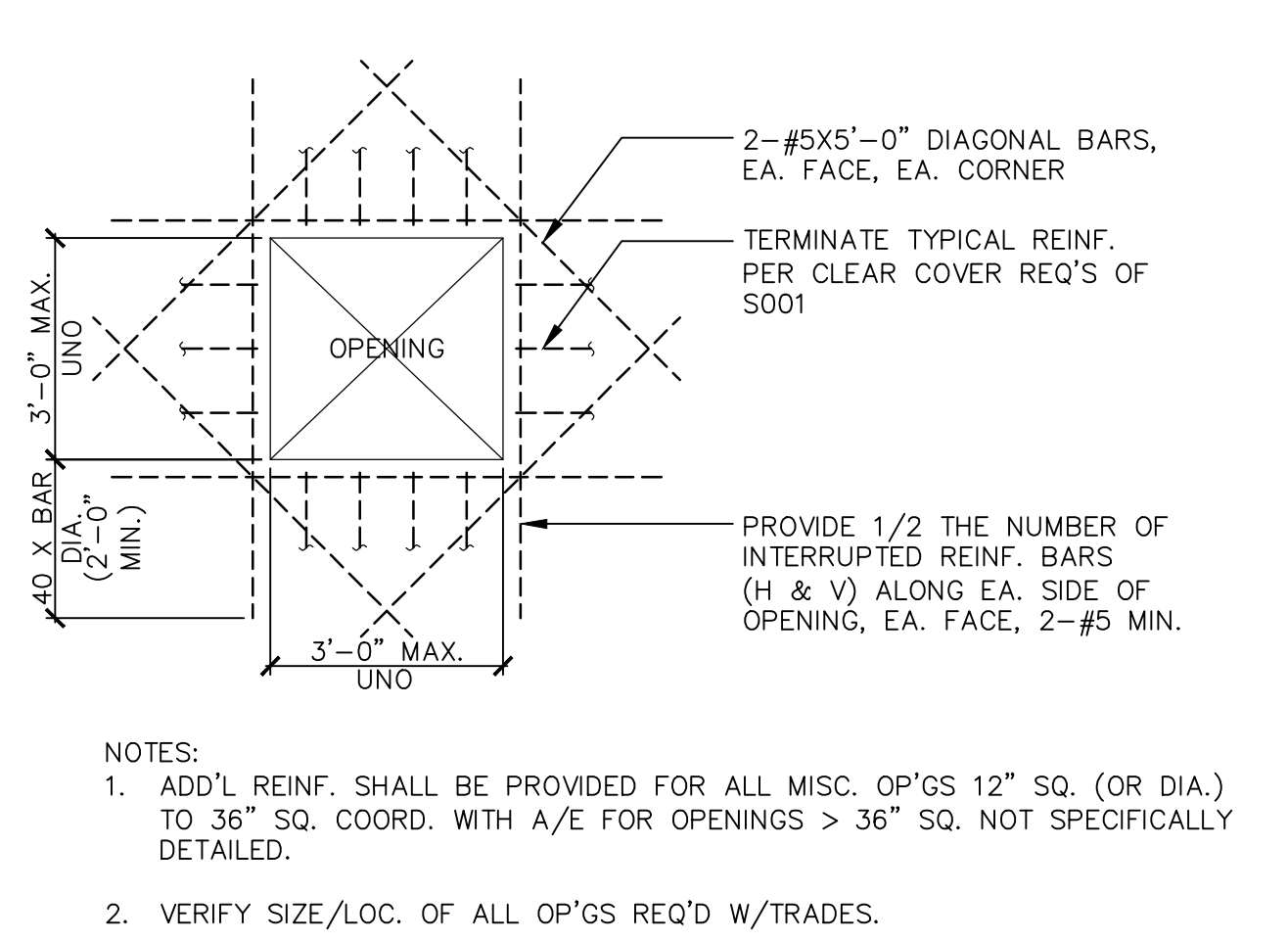
4 PIER CAP TYPICAL SECTION

SCALE: NONE



5 ADD'L REINF. AT FND WALL OP'G(S)

SCALE: NONE

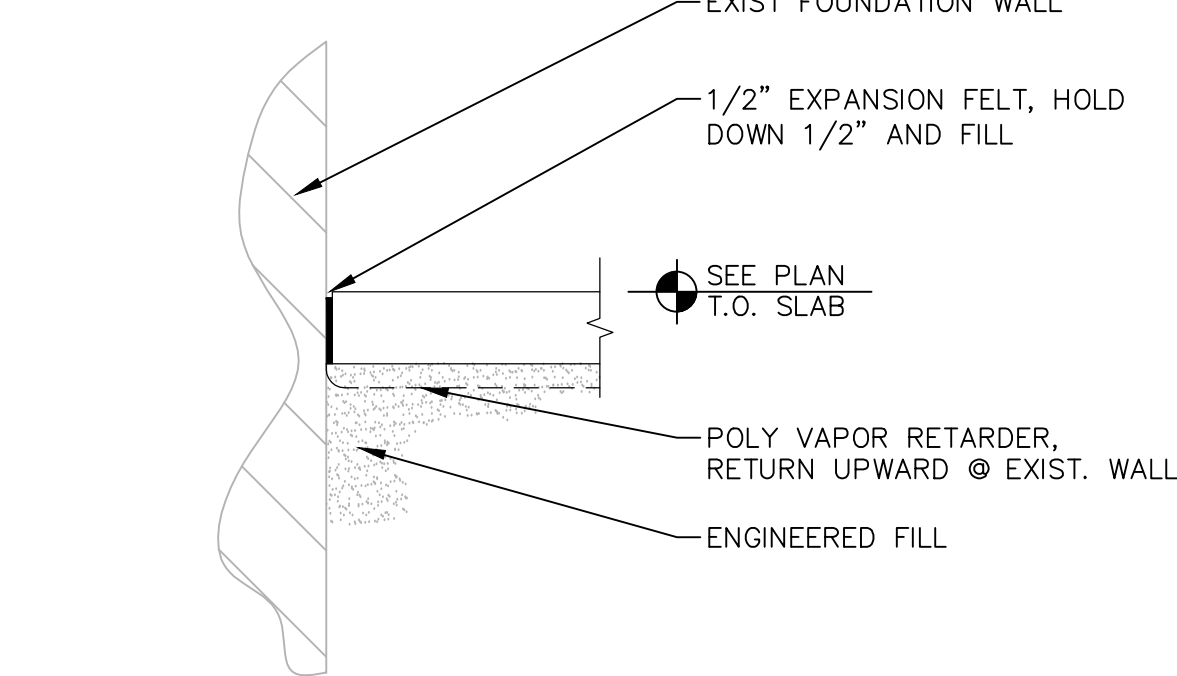


6 FOUNDATION WALL JOINT(S)

SCALE: NONE

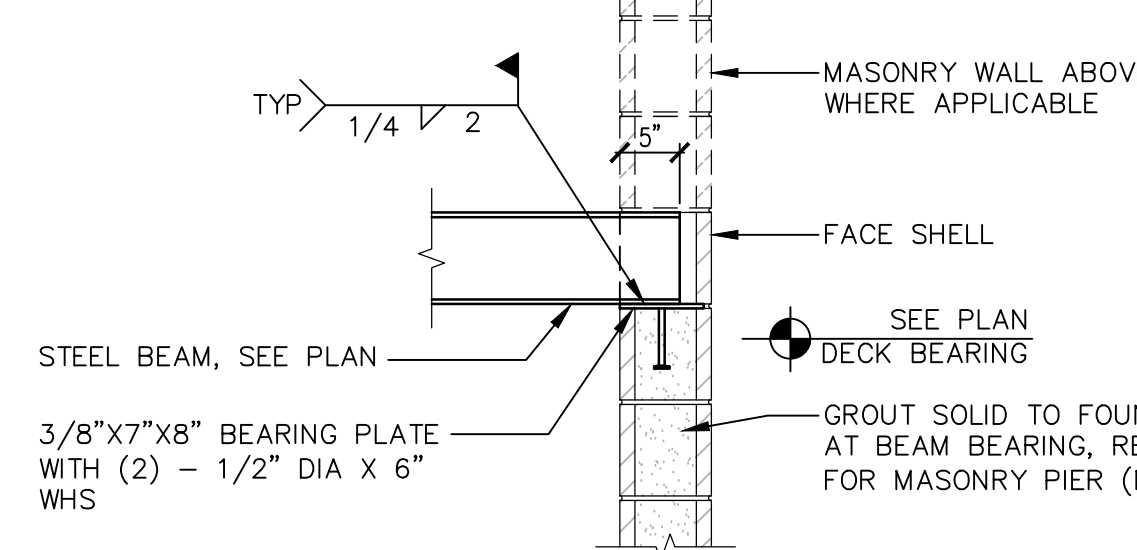
7 NEW SLAB AT EXIST. FOUNDATION

SCALE: NONE



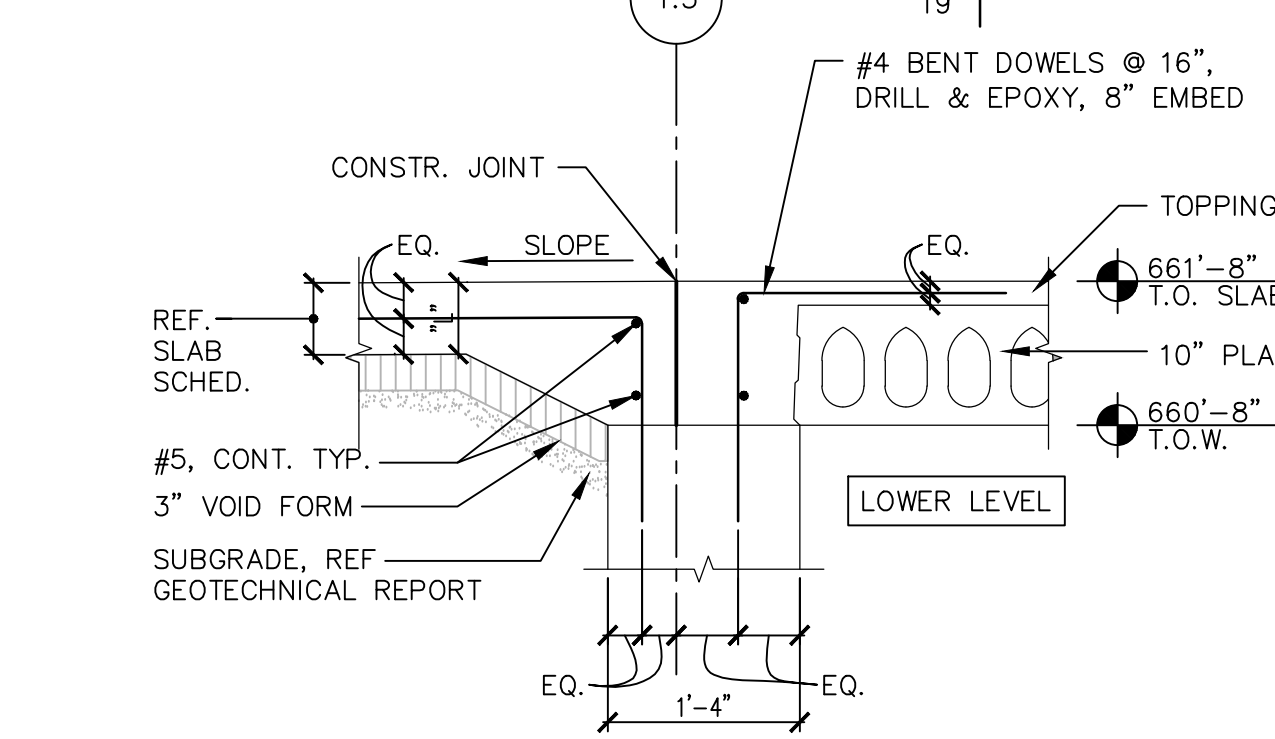
8 BEAM BEARING POCKET

SCALE: NONE



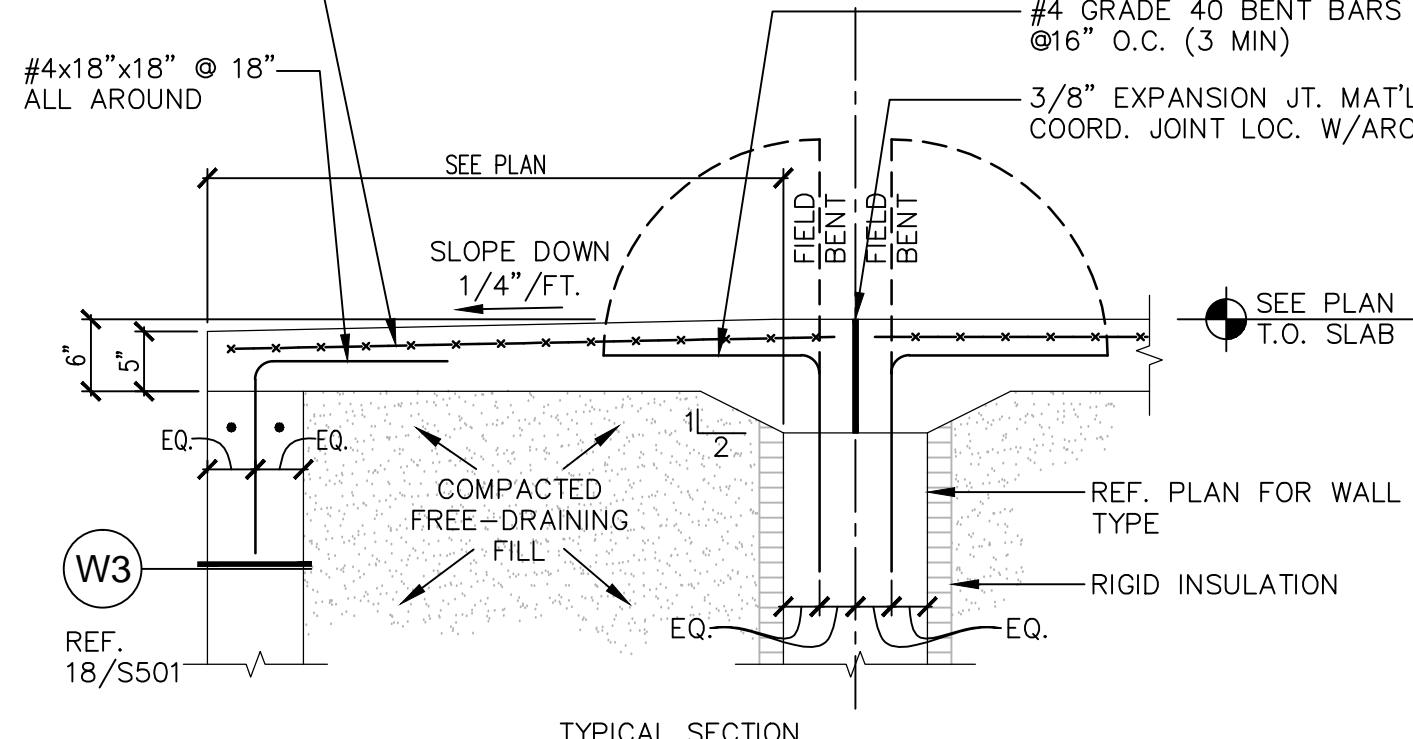
9 FLOOR TRANSITION DETAIL

SCALE: NONE



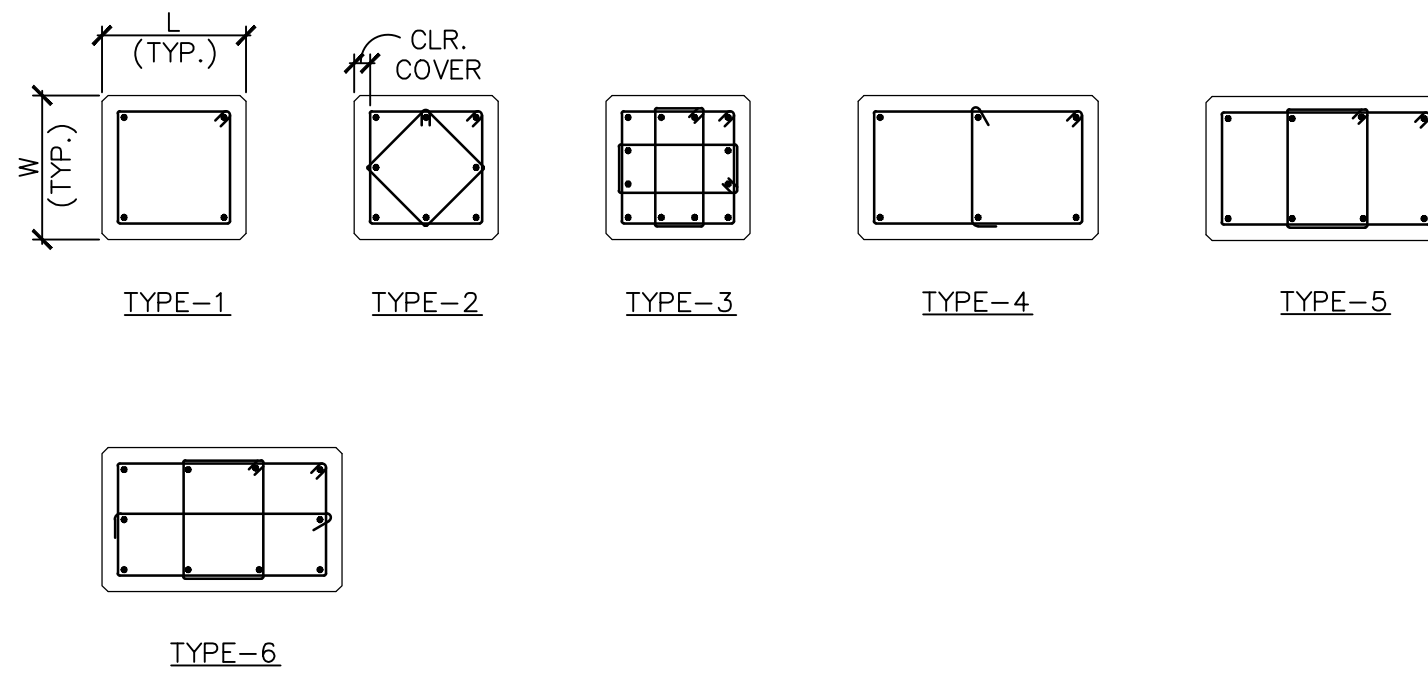
10 STRUCTURAL STOOP

SCALE: NONE



MARK	SIZE		VERT. REINF.	TIES		REMARKS
	L	W		TYPE	# @ "s"	
P1	1'-4"	1'-4"	8-#6	2	#3@12"	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

NOTE: WHEN PIERS ARE INTEGRAL WITH WALLS, PIER DIMENSIONS ARE INDICATED FOR THE PURPOSE OF DIMENSIONING PIER TIES, SETTING VERTICAL REINFORCING, DETERMINING TOP OF PIER RECESS OR PROJECTION FROM TOP OF WALL. CENTER REINFORCING CAGE BELOW COLUMN AND ORIENT LONG DIMENSION PARALLEL WITH WALL, OR OTHERWISE WITHIN CONFINING DIMENSIONS INDICATED. CONTINUE WALL REINFORCING THROUGH PIERS WITH LAPS AS SPECIFIED ON S501.



TYPICAL TIE PATTERNS

MARK	DIM.	REINF. (A,B,C,D BARS)					REMARKS
		T	A	B	C	D	
(W1)	8"	#5@12"	#5@12"	-	-	-	-
(W2)	16"	#5@12"	#5@12"	#5@12"	#5@12"	-	-
(W3)	8"	2-#5 T&B	-	-	-	-	-
(W4)	12"	4-#4	-	4-#4	-	-	BARS AT EQ. SPA.
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

NOTES:
1. PROVIDE VERTICAL CONTROL JOINTS AT 30'-0" O.C. UNLESS NOTED OTHERWISE, COORD. LOCATION WITH CMU/BRICK CONTROL JOINTS, REF. ARCH. DWGS.
2. SEE APPLICABLE DETAILS FOR T.O.W. SPECIAL CONDITIONS NOT SHOWN.
3. USE (1) MAT #4@18" HOR., #5@18" VERT. FOR WALLS EXCEEDING 4'-0" IN HEIGHT, UNO.

14 CONCRETE SLAB SCHEDULE

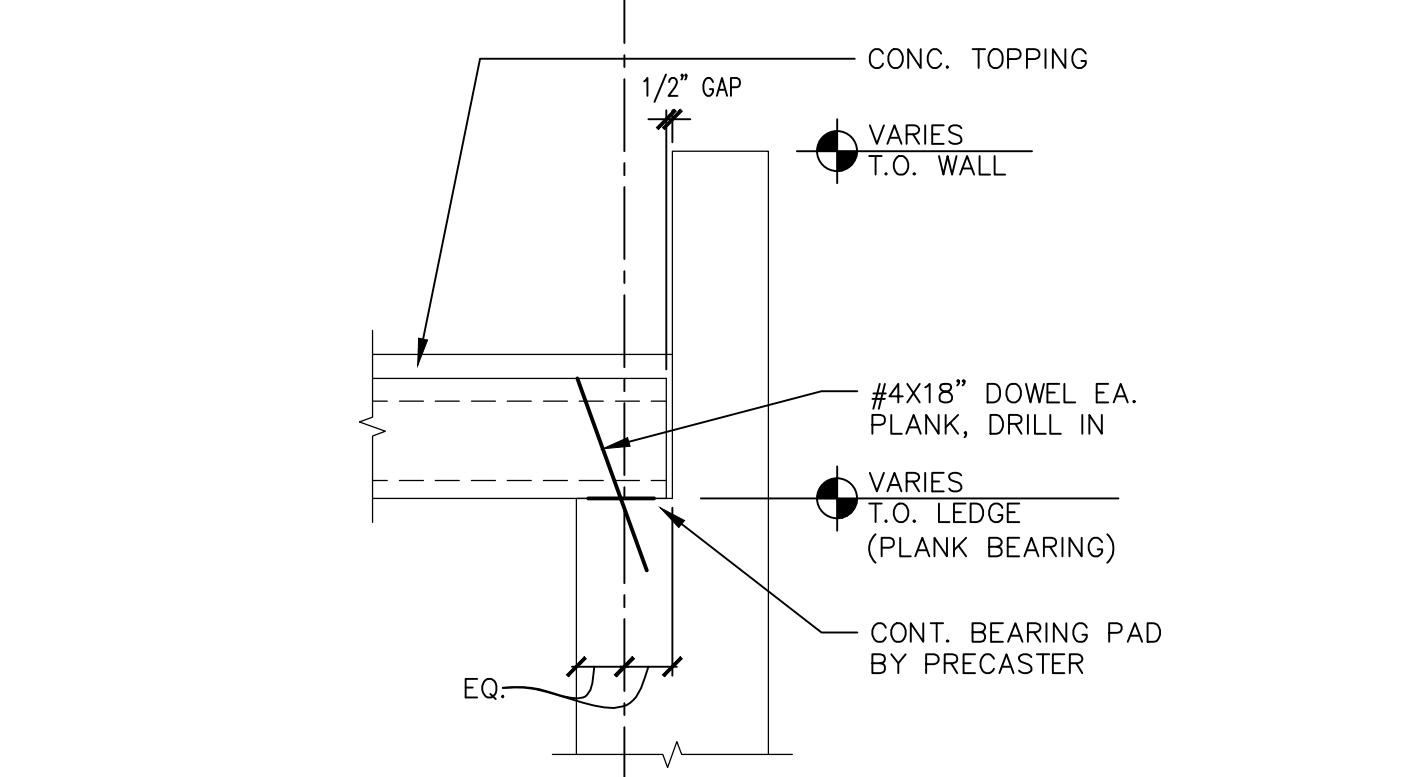
SCALE: NONE

MARK	THICK. T	TYPE	REINF.	REMARKS
SLB1	4"	SLAB ON GRADE	WWF, 6X6 W1.4XW1.4	FURNISH WWF IN FLAT SHEETS
SLB2	5"	SLAB ON GRADE	WWF, 6X6 W2.9XW2.9	FURNISH WWF IN FLAT SHEETS
SLB3	10"	HOLLOWCORE PRECAST	FIBERMESH (TOPPING)	2" NORMAL WEIGHT BONDED TOPPING
SLB4	6"	STRUCTURAL	REF. REMARK	#7 @ 8" EA. WAY, CENTERED
-	-	-	-	-
-	-	-	-	-

NOTE: SEE APPLICABLE DETAILS FOR SLAB CONSTRUCTION.

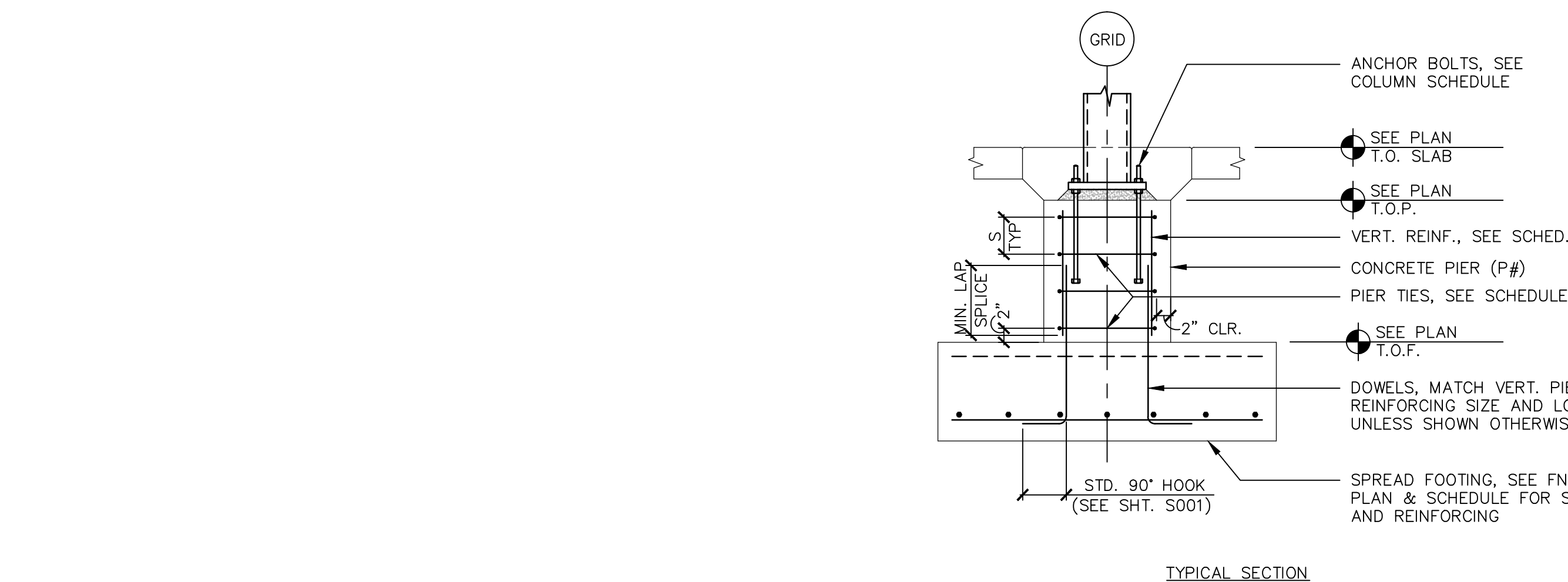
15 PLANK BEARING AT EXT. WALL

SCALE: NONE



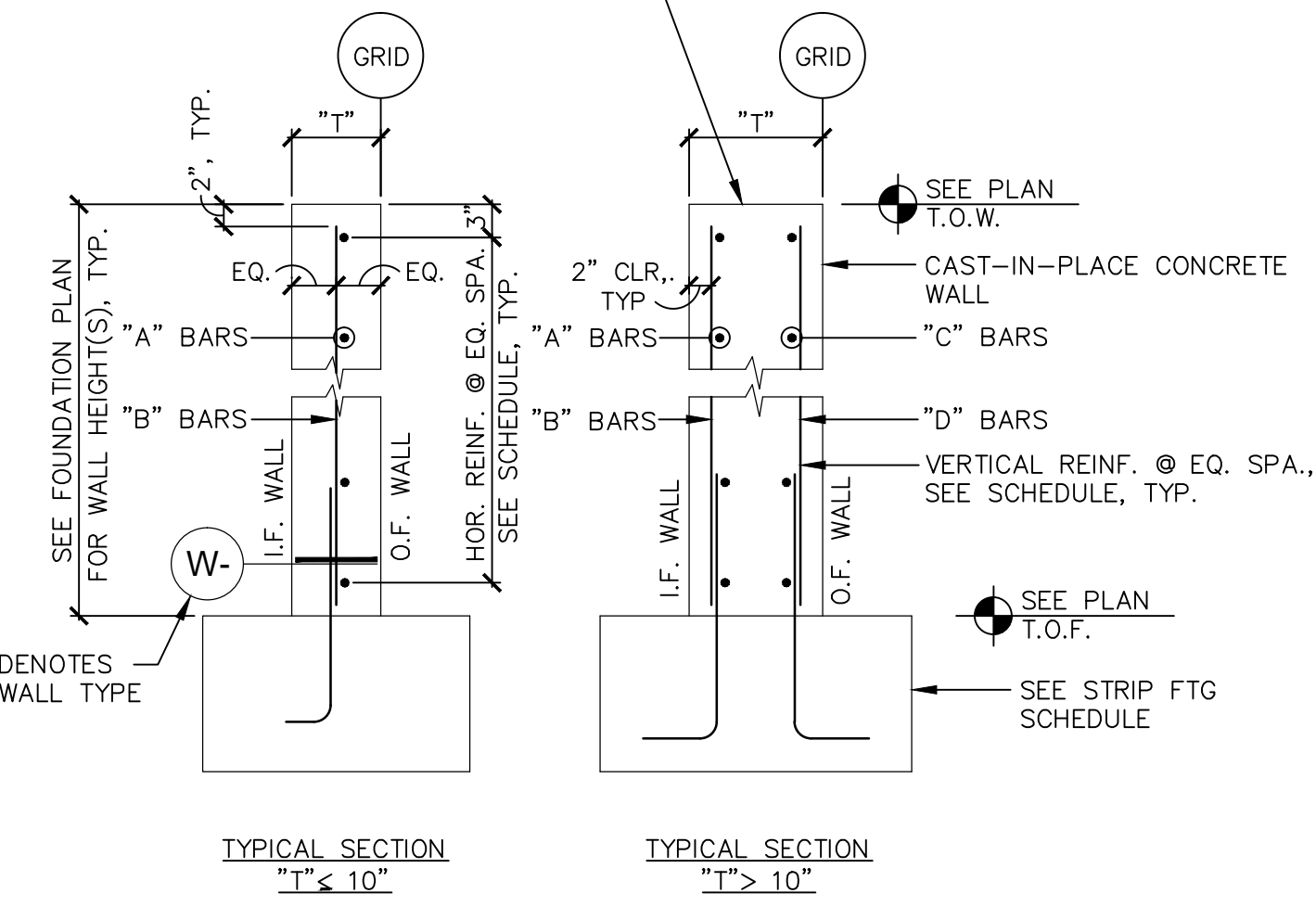
16 CONCRETE PIER SCHEDULE

SCALE: NONE



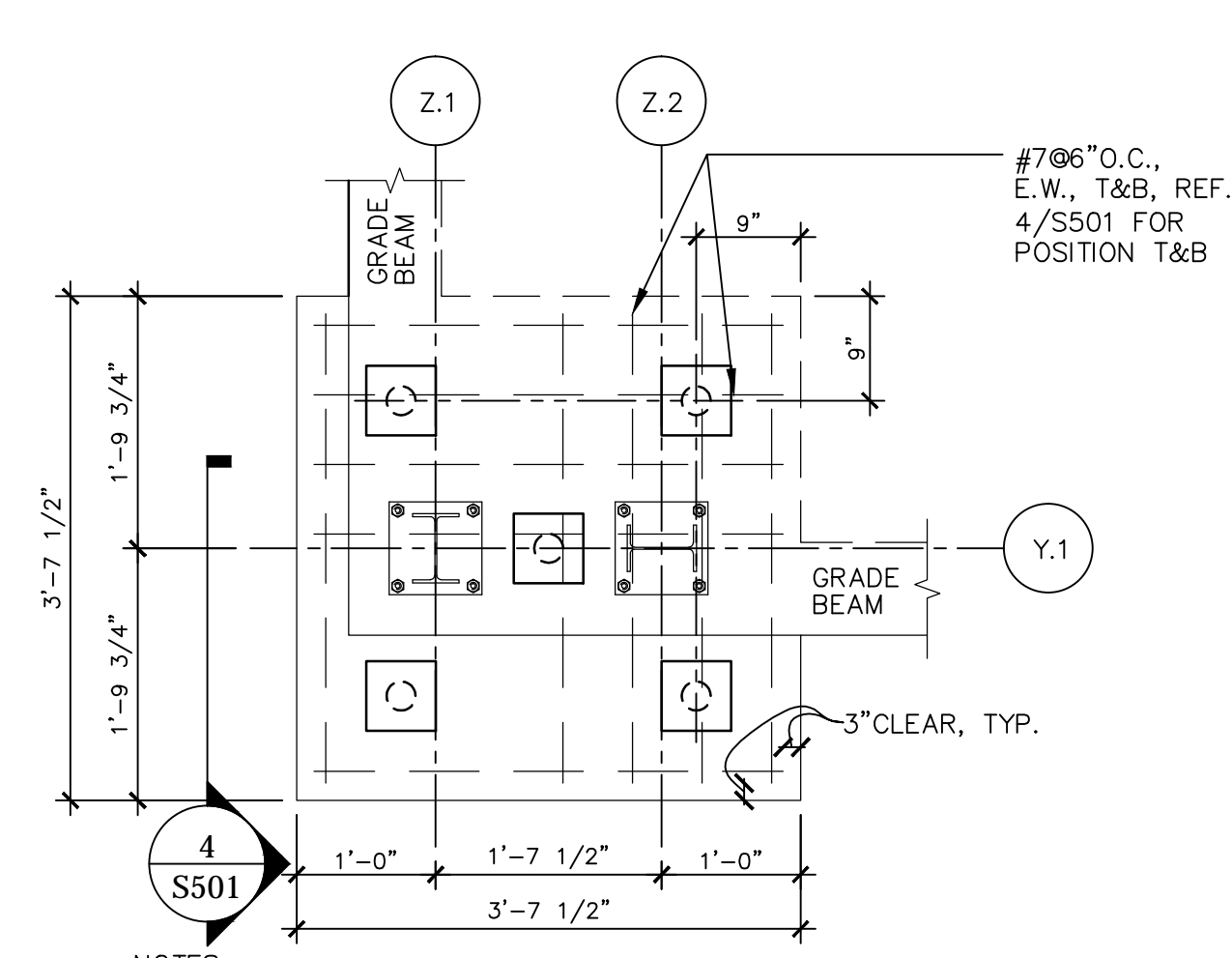
18 C.I.P. CONCRETE WALL SCHEDULE

SCALE: NONE



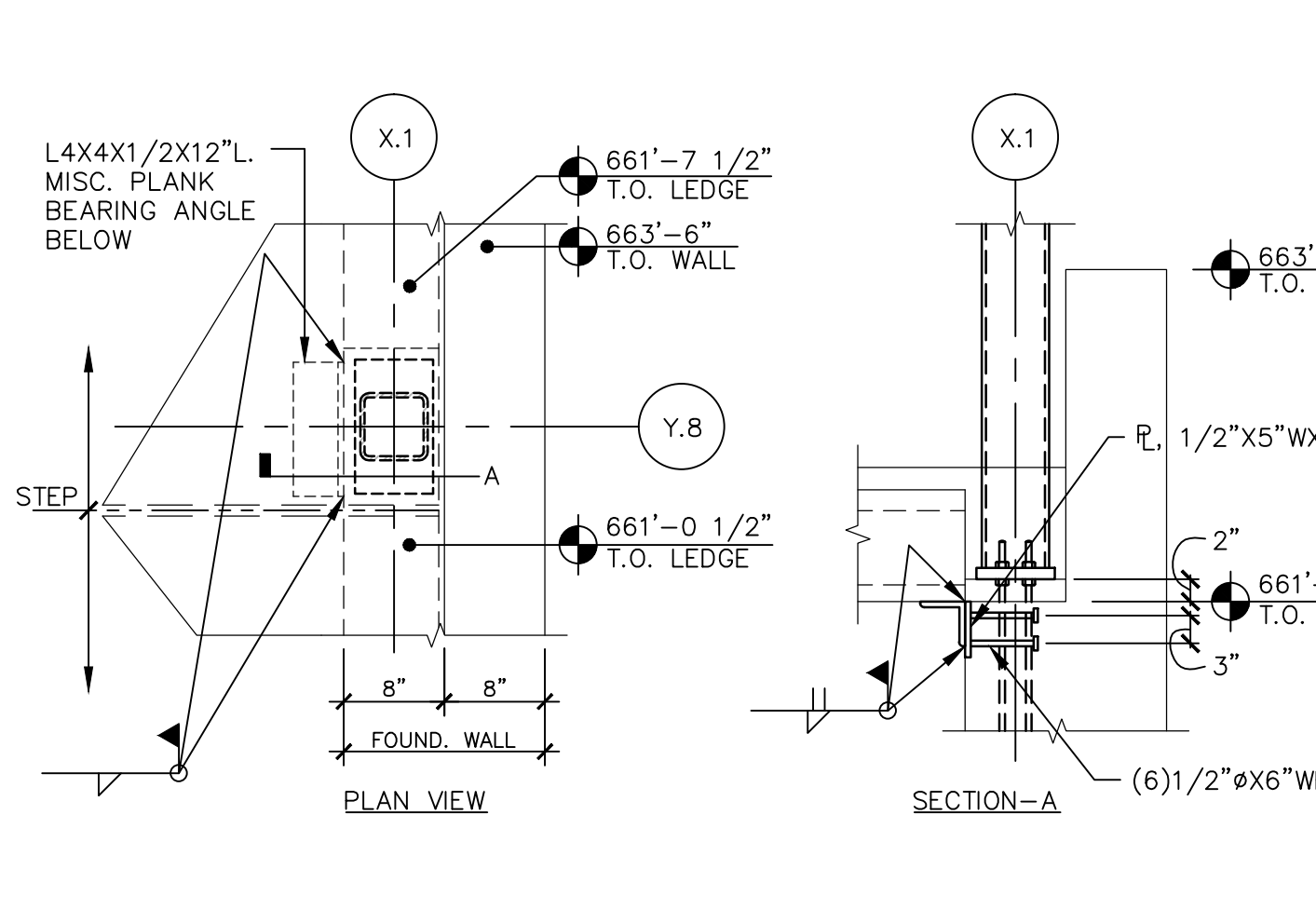
19 PIER CAP

SCALE: NONE

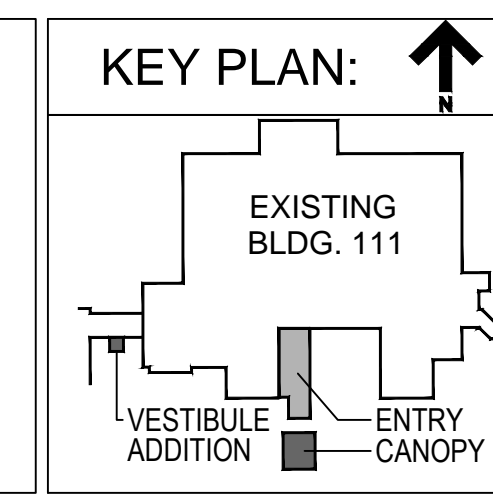
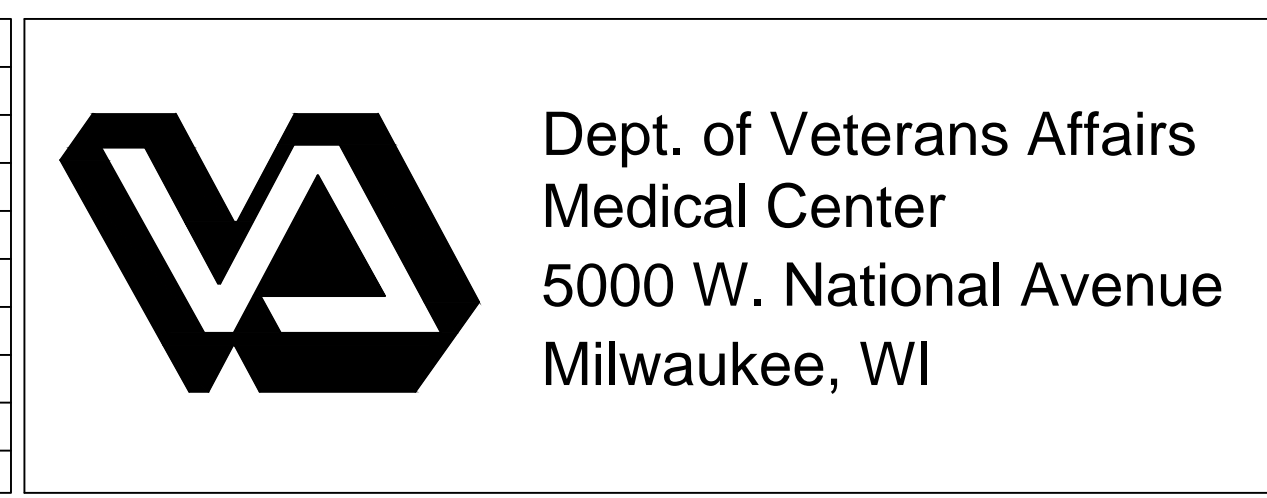


20 COLUMN AT STAGGERED PLANK BEARING

SCALE: NONE




Revisions:	Date

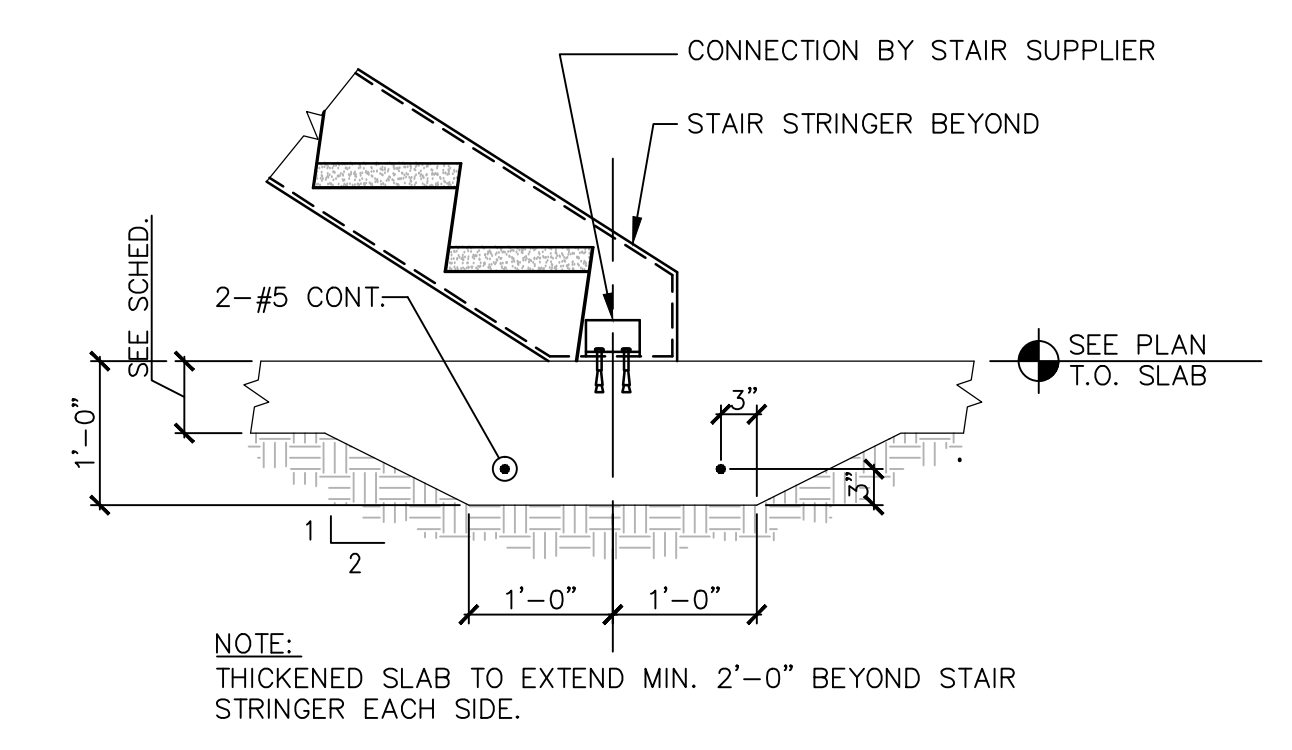


Drawing Title	STRUCTURAL DETAILS
Approved: Project Director	

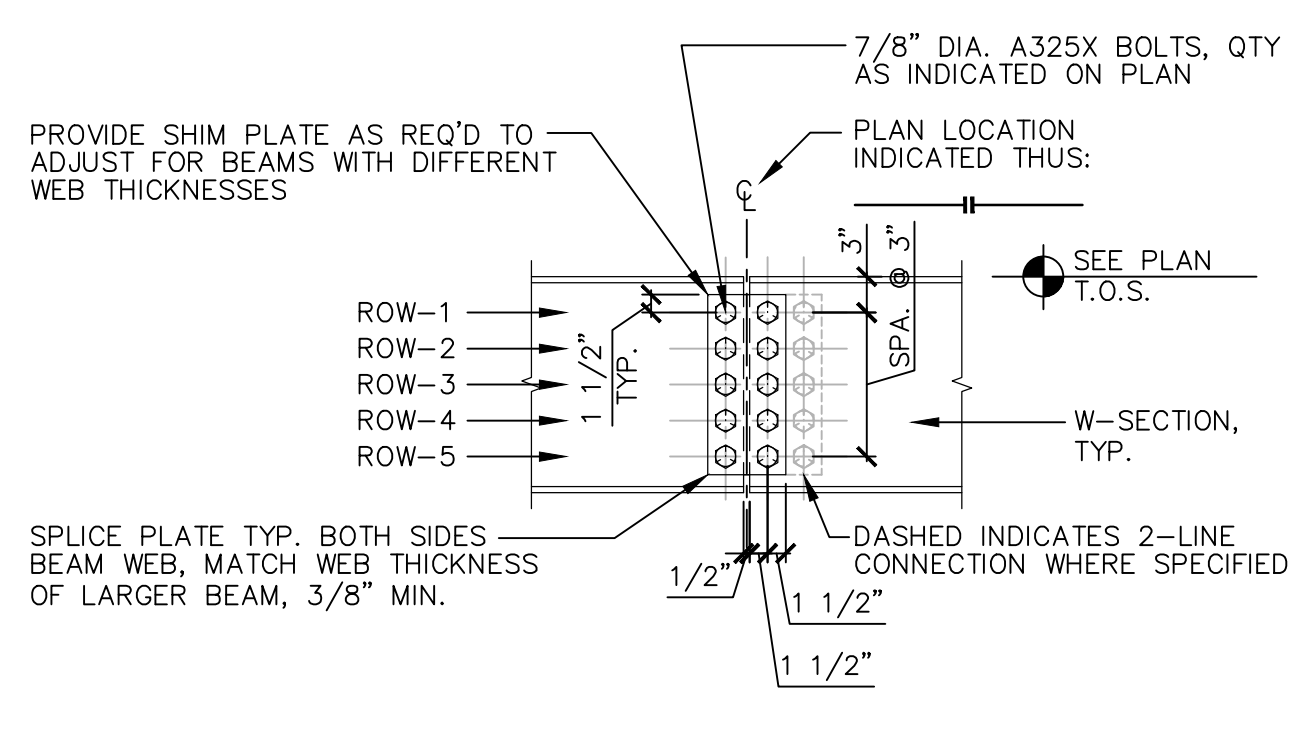
Project Title	Building 111 - Renovate South Entry
Location	Milwaukee, Wisconsin
Date	June 23, 2014
Checked By:	WTS
Drawn By:	KJM

Project Number	695-12-101SCP	Office of Facilities Management
Building Number	111	
Drawing Number	S501	
		 Department of Veterans Affairs

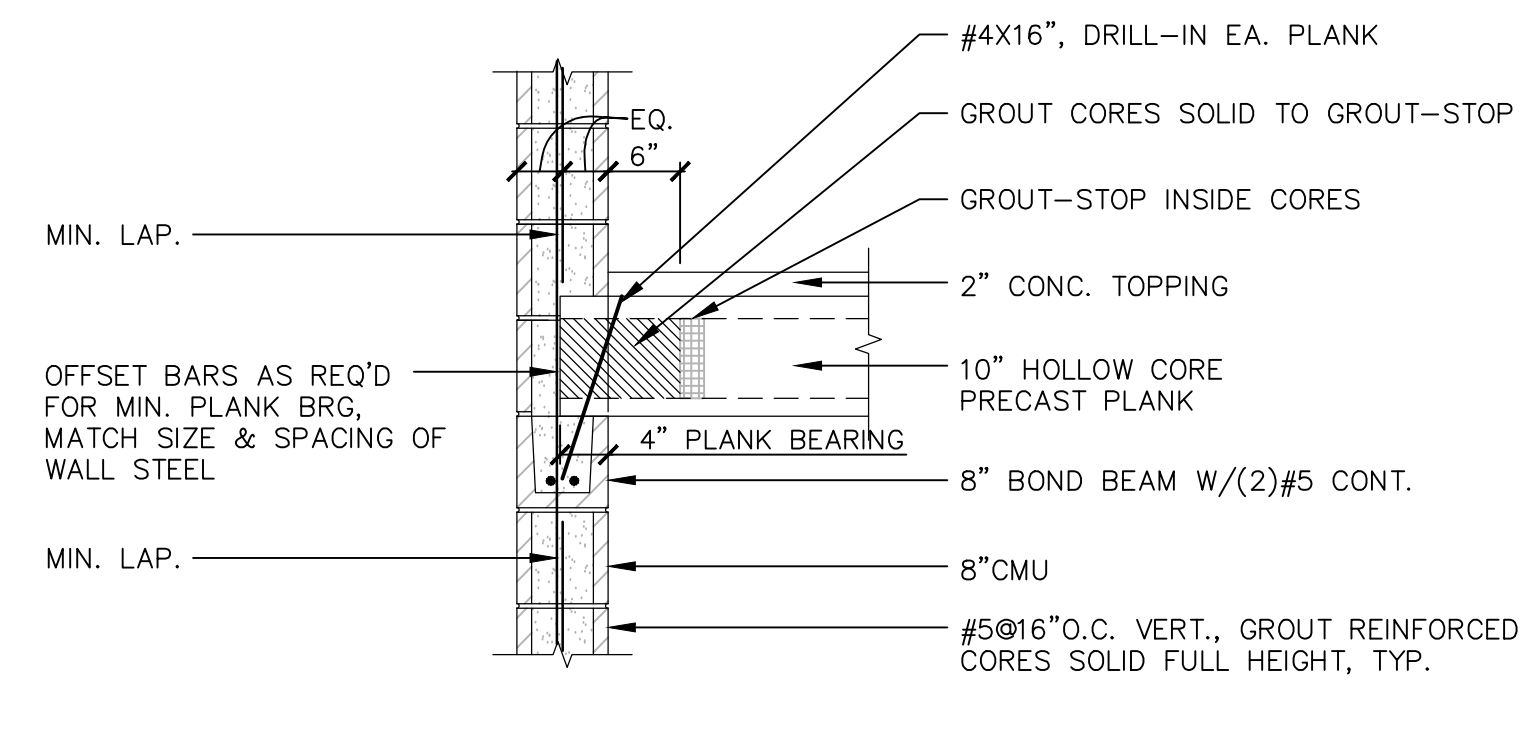
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



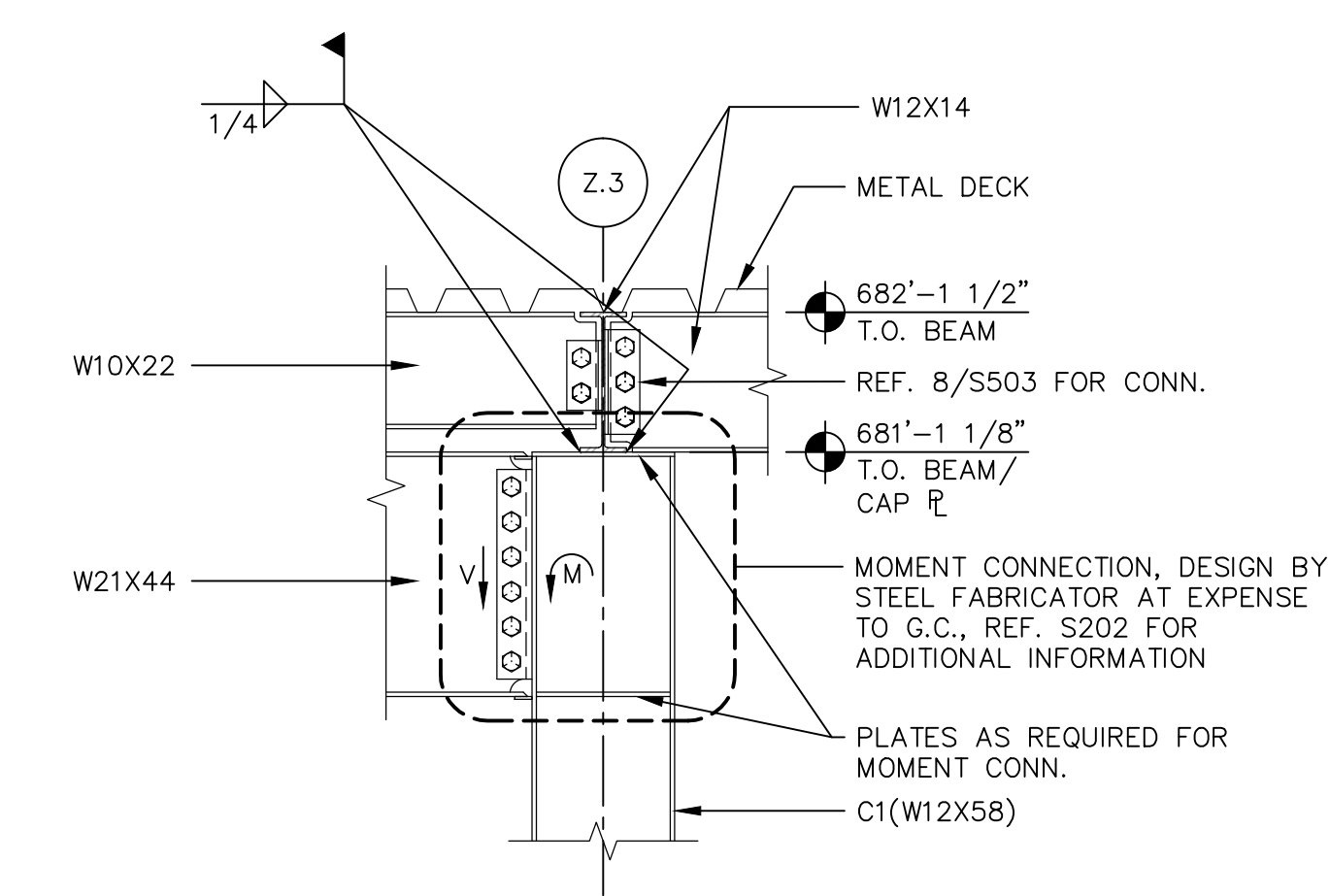
1 THICKENED SLAB SCALE: NONE



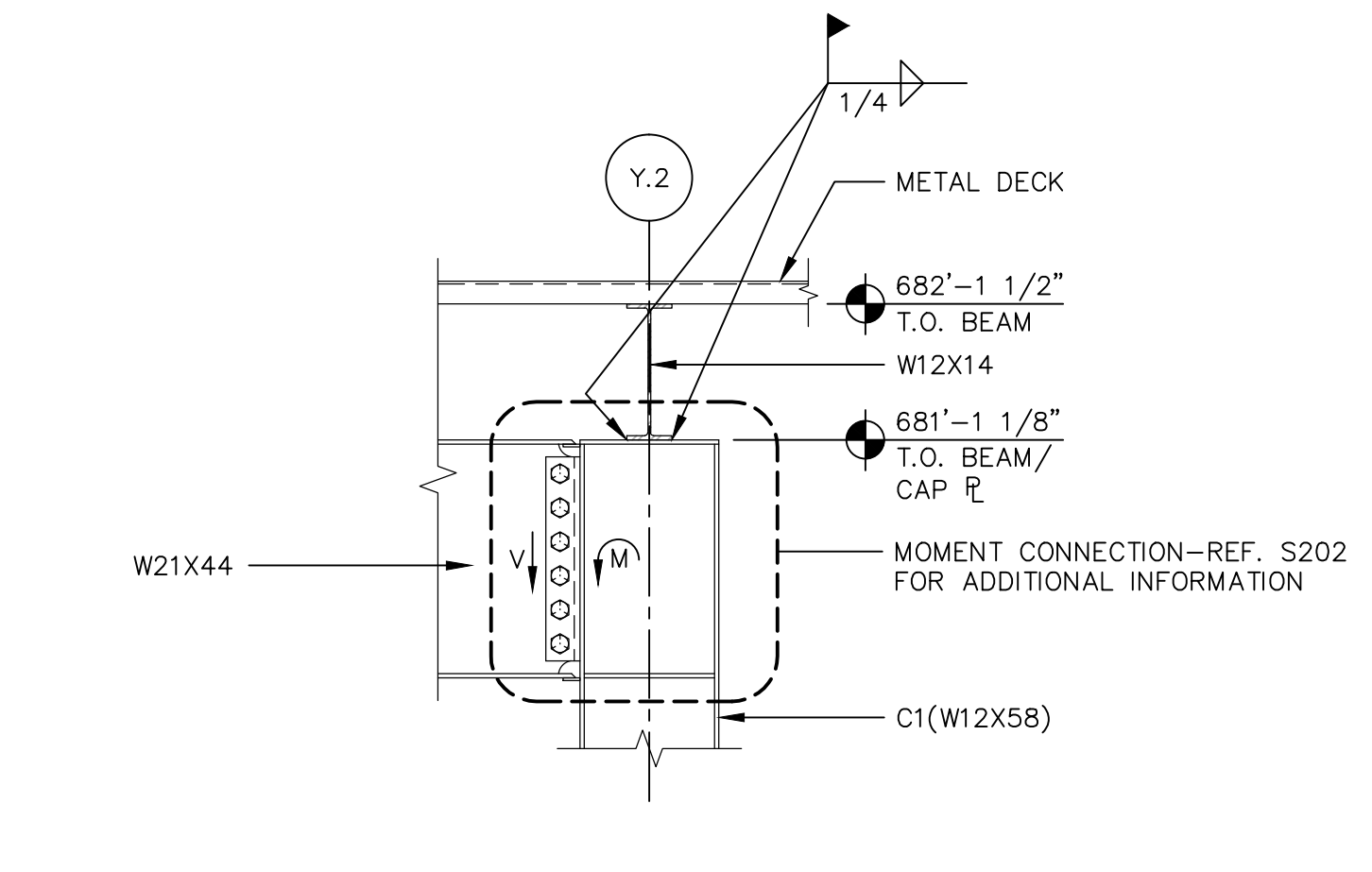
2 TYPICAL BEAM SPLICE SCALE: NONE



3 PLANK BEARING AT STAIR SHAFT SCALE: NONE

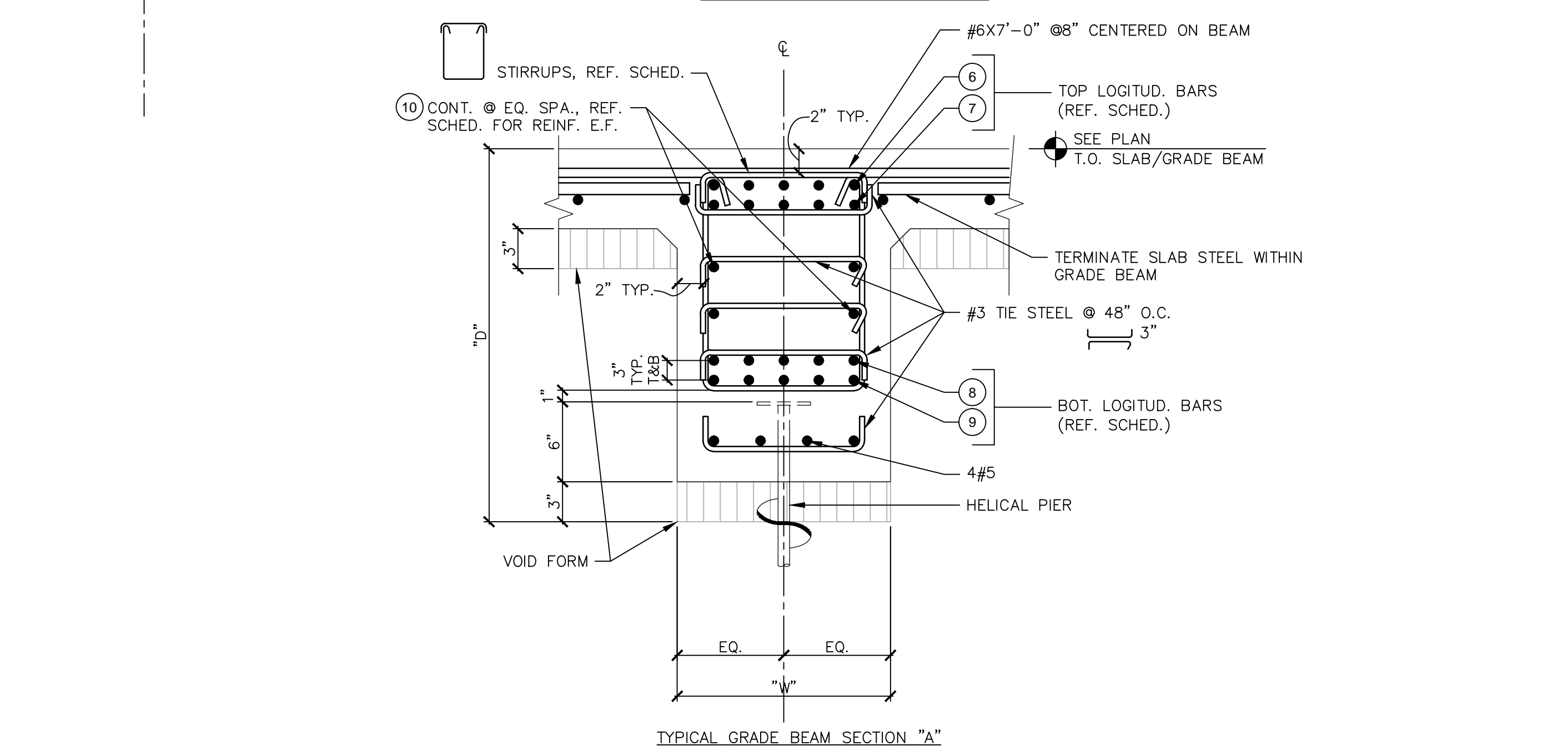
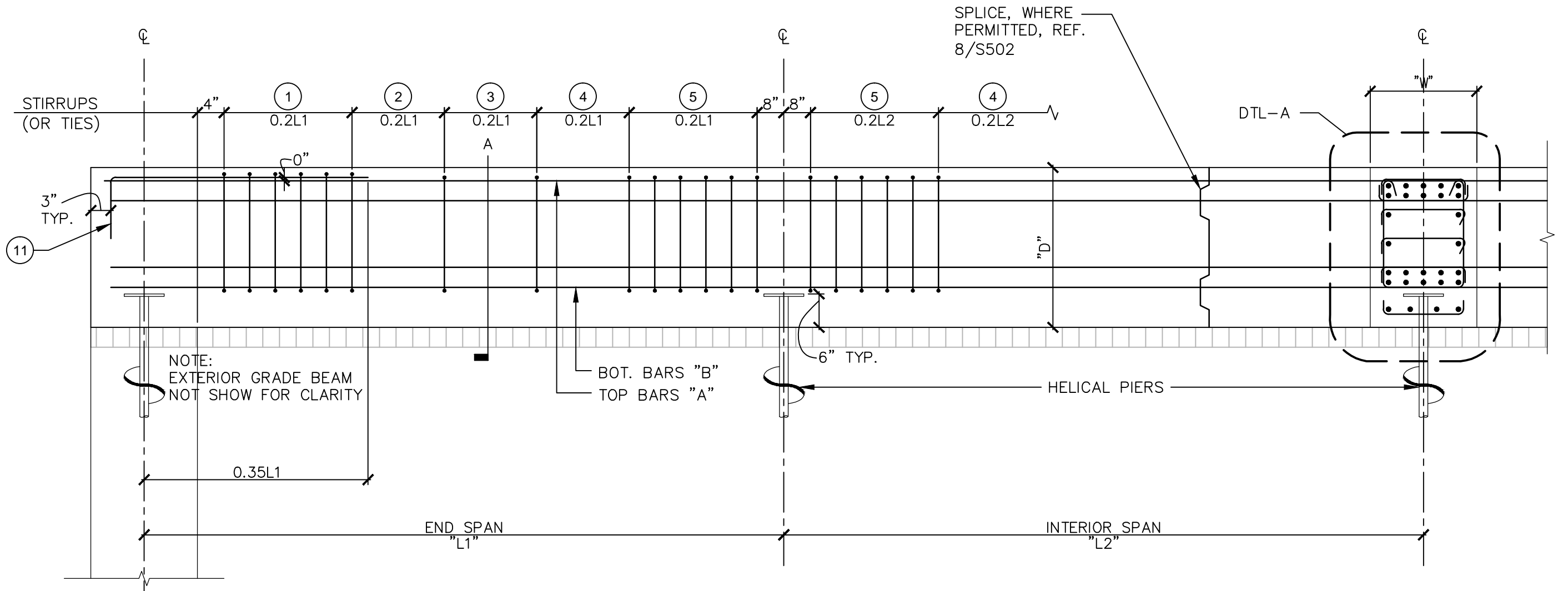


4 MOMENT CONNECTION AT HIGH CANOPY SCALE: NONE

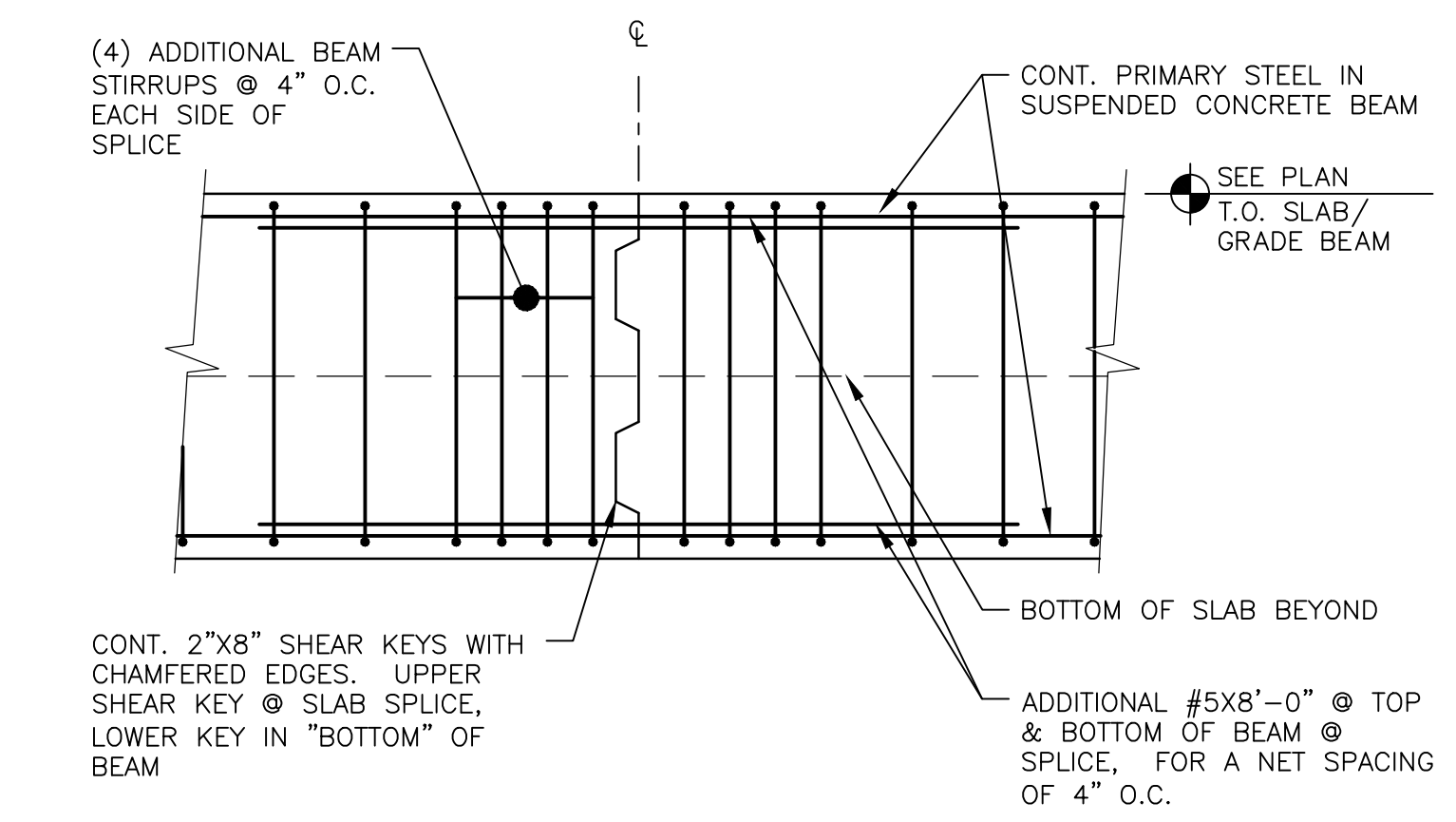


5 MOMENT CONNECTION AT HIGH CANOPY SCALE: NONE

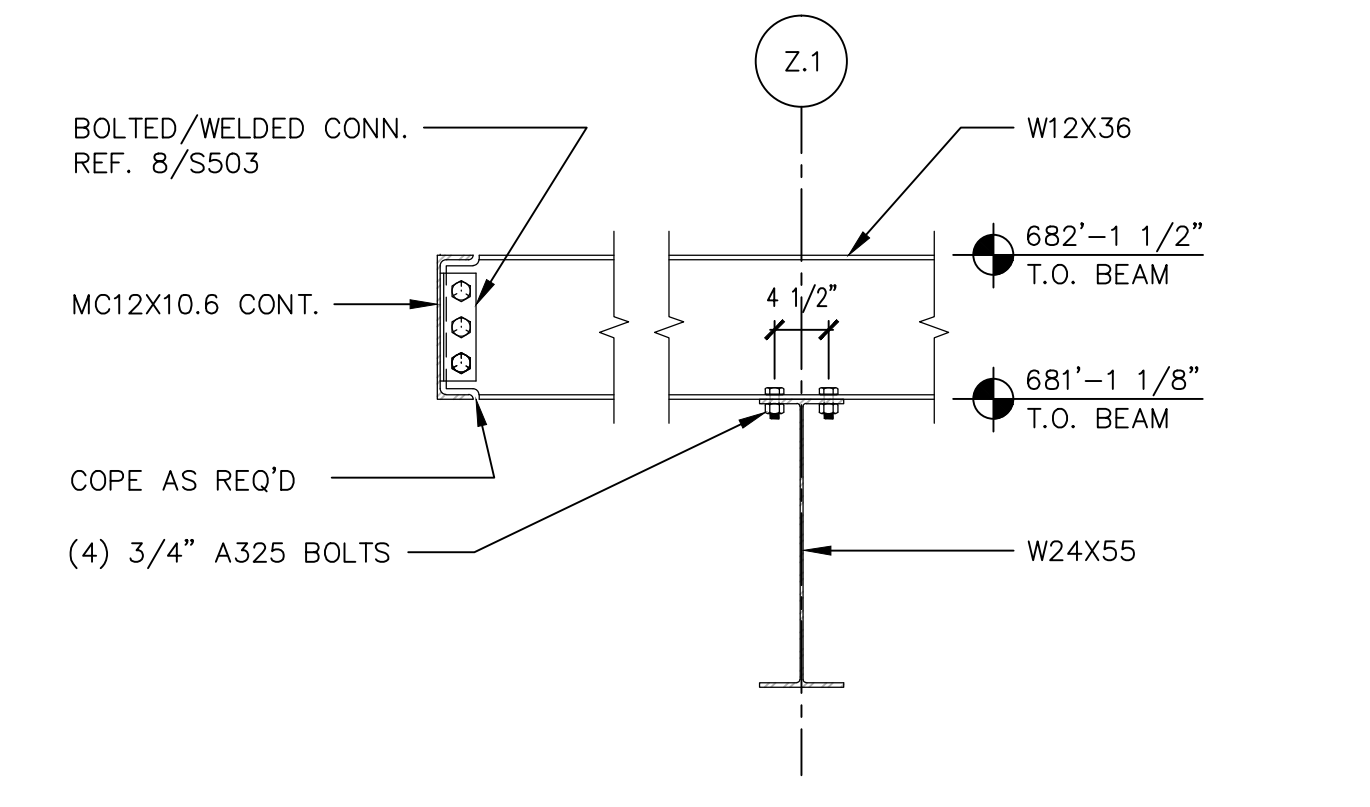
REINFORCED CONCRETE GRADE BEAM SCHEDULE														
MARK	SIZE		STIRRUPS					LONGITUDINAL REINF.						REMARKS
	W	D	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	
GB1	16"	32"	#3@4"	#3@8"	#3@12"	#3@7"	#3@4"	4-#7	4-#7	4-#7	4-#7	3-#5	4-#6	-
GB2	16"	32"	#3@4"	#3@8"	#3@8"	#3@6"	#3@4"	4-#7	4-#7	4-#7	4-#7	3-#5	4-#6	-
GB3	16"	32"	#3@4"	#3@6"	#3@8"	#3@5"	#3@3"	4-#7	4-#7	4-#7	4-#7	3-#5	4-#6	-
GB4	16"	54"	#3@8"	#3@12"	#3@12"	#3@12"	#3@7"	4-#6	4-#6	4-#6	4-#6	4-#5	4-#6	-
GB5	36"	32"	-	-	-	#3@8"	#3@8"	8-#6	8-#6	8-#6	8-#6	3-#5	4-#6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTE: ALL REINFORCEMENT AT EXTERIOR AREAS EPOXY-COATED.														



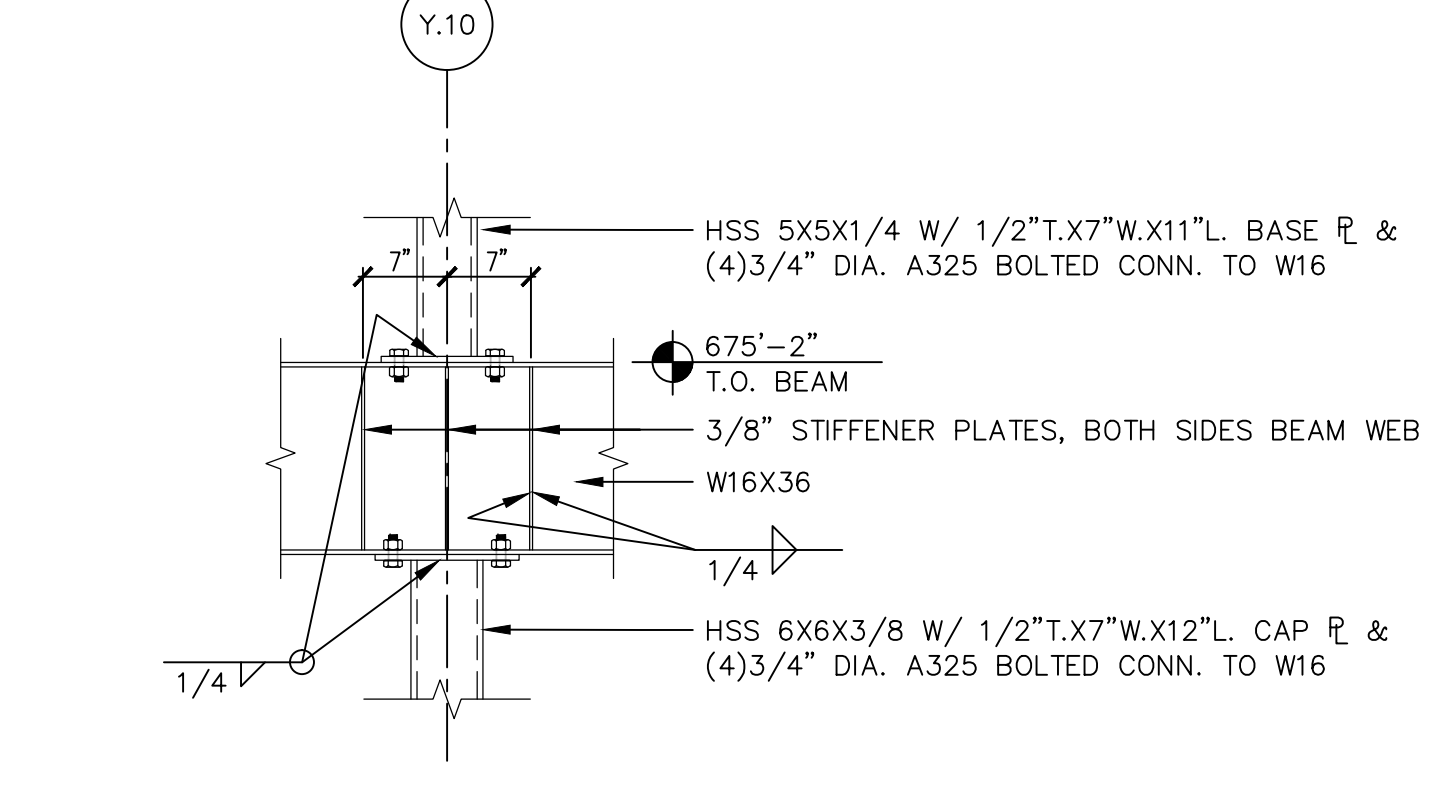
16 CONCRETE GRADE BEAM SCHEDULE SCALE: NONE



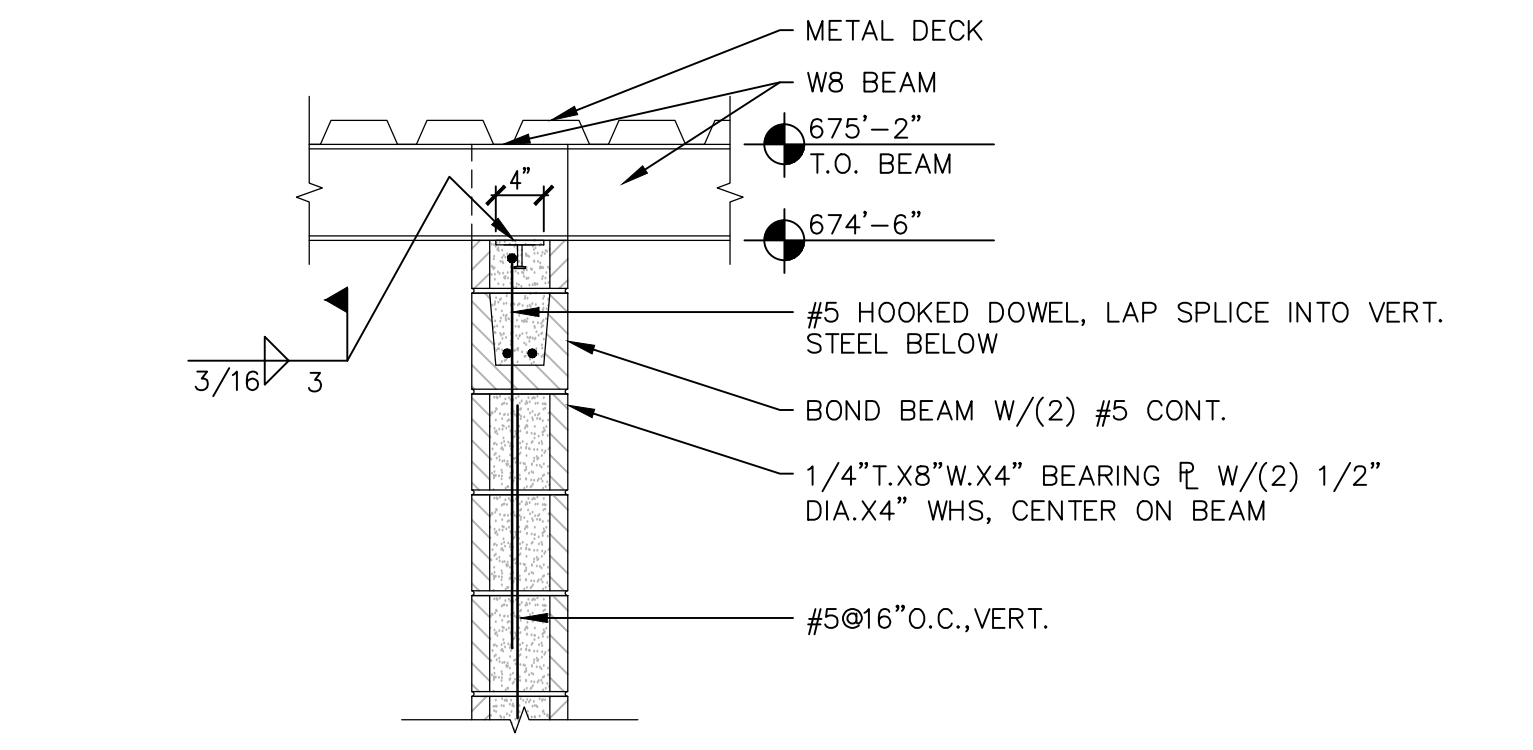
8 GRADE BEAM SPLICE SCALE: NONE



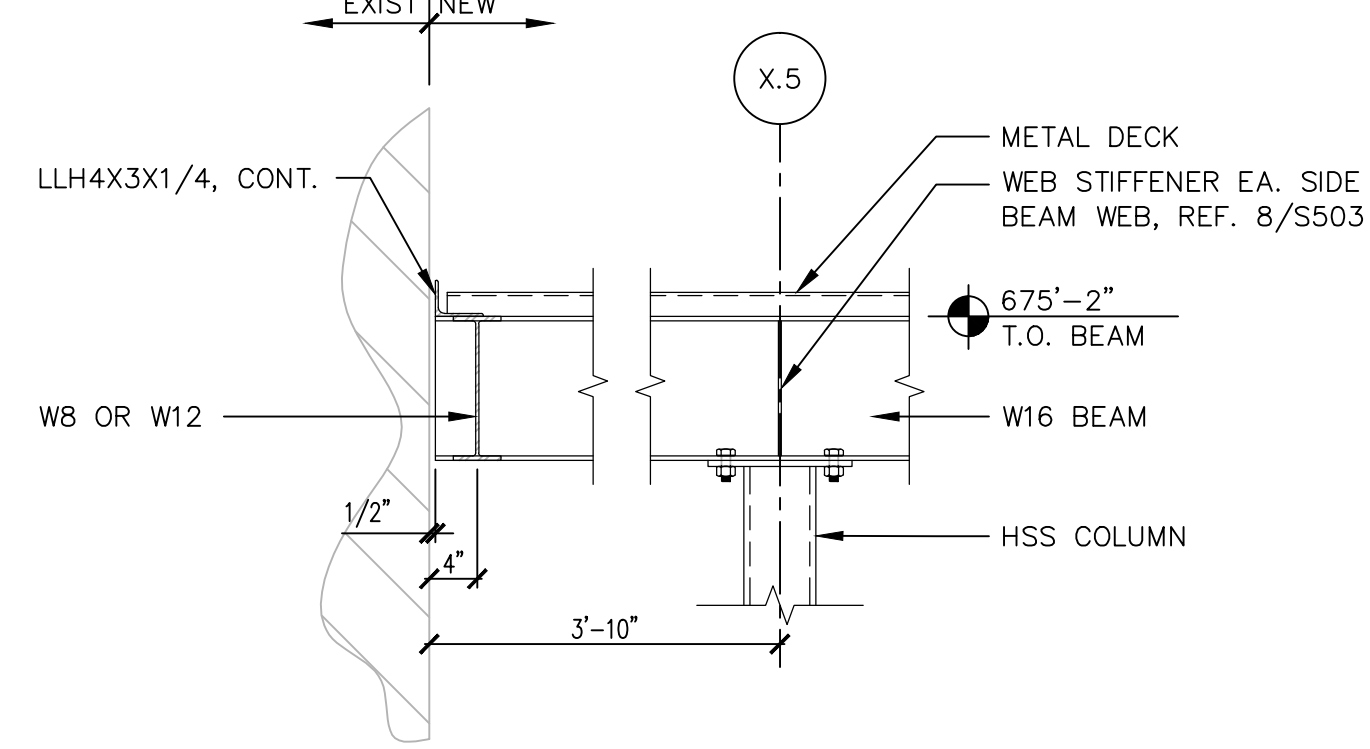
9 ROOF FRAMING AT HIGH CANOPY SCALE: NONE



10 STACKED COLUMN AT CANTILEVER BEAM SCALE: NONE

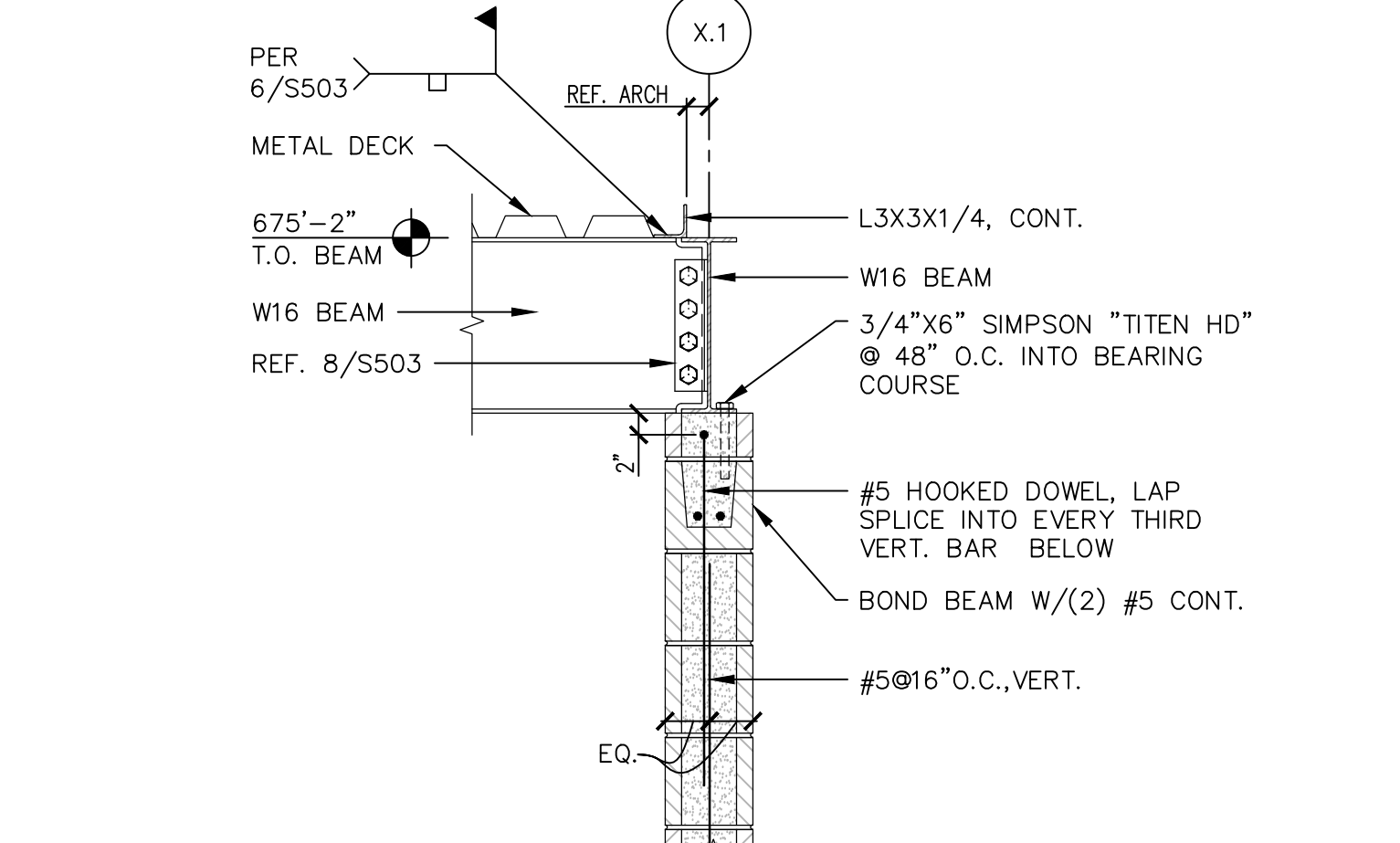


13 ROOF FRAMING AT STAIR SHAFT SCALE: NONE



14 ROOF FRAMING AT EXIST. BUILDING SCALE: NONE

15 NOT USED SCALE: NONE



18 ROOF FRAMING AT EXT. WALL SCALE: NONE



19 NOT USED SCALE: NONE



20 NOT USED SCALE: NONE

Revisions:

Date

Dept. of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI

DEPARTMENT OF VETERANS AFFAIRS
OFFICE OF FACILITIES MANAGEMENT

KEY PLAN:

EXISTING BLDG. 111

VESTIBULE ADDITION

ENTRY

CANOPY

CONSULTANTS:

R.D. RING & DUCHATEAU

R.A. Smith National

PROJECT LEADER/ARCHITECT:

Chequamegon

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Drawing Title
STRUCTURAL DETAILS

Approved: Project Director

Project Title
Building 111 - Renovate South Entry

Location
Milwaukee, Wisconsin

Date
June 23, 2014

Checked By:
WTS

Drawn By:
KJM

FINAL CONSTRUCTION DOCUMENTS

Project Number
695-12-101SCP

Building Number
111

Drawing Number
S502

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978 1 2 3 4 5 6 7 8 9

